

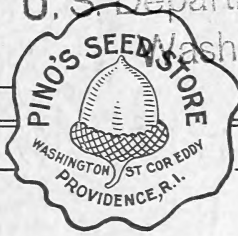
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SEED INTRODUCTION
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U. S. Department of Agriculture,
Washington, D. C.



1909

CATALOGUE

OF

SEEDS

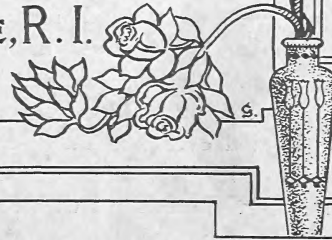
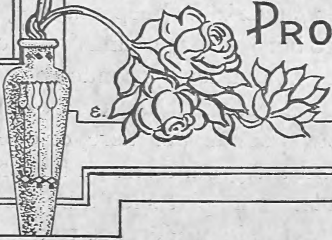
FOR

GARDEN, LAWN
AND FARM



Willis S. Pino

41 WASHINGTON ST. COR EDDY
PROVIDENCE, R. I.



Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality, extra clean seed, and free from weed seeds which abound in inferior grades. We use only the choicest low growing grasses, and a lawn produced from our seed will maintain a rich, dark, velvety appearance and a permanent sod.

*1-2 lb., 20c.; 1 lb., 35c.; 2 lbs., 60c.; 100 lbs., \$ 25.00
1 lb. will sow 600 square feet.*

Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shaded places where it is quite difficult to produce a satisfactory growth, 1 quart, 30c.; 1-2 peck, \$1.00, 1 peck, \$1.75.



THE PREPARATION AND CARE OF A LAWN

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bone meal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly and at the rate of sixty-four pounds per acre, or one pound is sufficient for 600 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plat should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close even turf. April and September are the best months for sowing lawn seed.

**FOR LAWN DRESSING USE
PULVERIZED SHEEP MANURE**

1909

ESTABLISHED 1900

1909

CATALOGUE

OF

FLOWER, VEGETABLE AND FIELD SEEDS

Bulbs, Fertilizers, Garden Implements, Etc.

WILLIS S. PINO
SEEDSMAN

41 Washington, corner Eddy Street, Providence, R. I.

In presenting my catalogue for the coming season, I wish to thank my many friends for their liberal patronage in the past, and to solicit their favors for the future.

SELECTION OF STOCK. My connection with the seed trade for more than twenty-five years should have eminently fitted me to secure stocks that will prove satisfactory to the most critical trade, as I have been able to demonstrate to those who have trusted me with their seed orders.

LOCATION OF STORE. My store will be found on the northwest corner of Washington and Eddy streets, one block from Dorrance or Westminster streets, and within a short distance of the Union Railroad Station.

SEEDS BY MAIL. For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at the rate of eight cents per pound. Peas and Beans fifteen cents per quart. Corn ten cents per quart.

EARLY ORDERS are always advisable, as the stock of many varieties is liable to be exhausted early and many times good stocks are not obtainable later.

PACKING AND DELIVERY. I make no charge for boxes and packing and deliver all goods free within the city limits. Seamless bags are charged fifteen cents and small cloth bags ten cents each.

While the greatest care is exercised to have all seeds pure and reliable, I do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

Willis S. Pino

VEGETABLE SEEDS

All Vegetable Seeds except Peas, Beans, Corn and those otherwise mentioned are put up in 5c. packages.

We Send Free by Mail all vegetable seeds in packages. ounces and one-fourth pounds; larger quantities, add postage at 8c. per pound. Peas and Beans, 15c. per quart. Corn, 10c. per quart.

Artichoke

Sow seeds in hot bed early in spring in rows six inches apart, transplant into boxes or pots. Plant in open ground after danger of frost is passed two by three feet between plants. Rich, sandy loam is best adapted. Seed may be sown in open ground in May and protected until cold weather is past and will head the second year.

Large Globe or Paris, pkt. 10c.; oz. 35c.

Asparagus

One ounce to 40 feet of drill.

Sow the seed in spring in drills 15 inches apart; the following spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale set 4 by 2 feet.

	Oz.	¼ lb.	lb.
Conover's Colossal	10	20	50
Pametto	10	25	75
Barr's Mammoth	10	25	75

Beans, Dwarf or Bush

One quart to 100 feet of drill.

For succession bush beans should be planted at intervals of two weeks from May until August. Make drills two feet apart and two inches deep.

Qt. ½ pk.

Stringless Green Pod Extra early, stringless, round pod. Very prolific and excellent quality25 75

Extra Early Red Valentine An excellent round, green podded sort25 75

Early Bountiful Practically a stringless Yellow. Six weeks25 75

Dwarf Horticultural An excellent shell bean.25 75

Goddard, or Boston Favorite Larger than the preceding variety. A popular market variety25 75

Low's Champion Recommendaible as a string or shell bean.....25 75

Improved Golden Wax A favorite yellow podded variety; pods flat...30 1 00

Qt. ½ pk.

Pencil Pod Black Wax Pods round, bright yellow and entirely stringless. The best dwarf black wax variety30 1 00

Round Pod Kidney Wax Pods long, entirely stringless. Very prolific. Excellent quality.30 1 00

Wardwell's Kidney Wax A popular variety with wide flat pods30 1 00

Dreer's Bush Lima. A dwarf form of the Dreer's or Potato Lima35 1 25

Henderson's Bush Lima Earlier than the Burpee, but a smaller bean35 1 25

Burpee's Bush Lima The best variety of Bush Lima. Beans equal in size to the large white pole Lima35 1 25

Beans, Pole or Running

One quart to 150 hills.

The planting of pole beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep, and plant 5 or 6 seeds in each hill; thin to 3 plants in each hill when well established. Lima should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down. Qt. ½ pk.

Horticultural Pole. A very prolific shell bean30 1 00

Hampden Longer podded than above, dark color, fine cropper35 1 25

Kentucky Wonder An excellent variety, entirely stringless, round pod30 1 00

Golden Cluster Wax A yellow podded variety of fine quality40 1 50

Scarlet Runner Highly ornamental; also used as a table bean35 1 25

White Runner Similar to above except color of flowers35 1 25

Large White Lima (Extra Size) The standard pole Lima. Quality excellent.....35 1 25

Dreer's Improved Lima A short, thick bean, often called Potato Lima.....35 1 25



Sevia, or Small Lima An excellent bean, earlier and more hardy than large Limas.....30 1 00

English Broad Windsor The standard English bean35 1 25

Beet

One ounce to 50 feet of drill; 5 to 6 pounds per acre.

Sow early as ground can be worked in the spring, and for succession follow every two weeks until July. For main crop sow last of May. Light sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills one foot apart, and when well up thin to four or five inches in the row.

Extra Early Egyptian A very early Oz. ¼ lb. lb. flat blood red sort. Popular for first planting and forcing10 20 60

Oz. ¼ lb. lb.

Crosby's Egyptian An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort.....	10	25	75
Eclipse Globe shaped, extremely early and excellent quality	10	20	60
Detroit Dark Red Very tender and sweet; skin dark blood red; flesh bright red; fine round shape. Excellent for main crop.....	10	25	75
Edmand's Blood Turnip Highly recommendable for main crop; uniform in size, very dark flesh and excellent quality	10	20	60
Dewing's Blood Turnip A standard main crop variety of excellent shape and color.....	10	20	60
Long Smooth Blood Deep, blood red, excellent quality	10	20	60
Swiss Chard (Spinach Beet) Produces leaves only; which are used as greens. The quality is far superior if given a high cultivation.....	10	20	60

Sugar Beets and Mangel Wurzel

Sow in May or June; 5 to 8 pounds per acre.

	¼ lb.	lb.
Norbitan's Giant A long red variety adapted to deep soil	15	35
Mammoth Long Red A standard sort.....	15	35
Yellow Globe Adapted to shallow soil.	15	35
Golden Tankard A yellow variety, formed mostly above ground; easily pulled	15	35
Vilmorin's White Sugar The best sugar beet for stock feeding	15	35

Broccoli

One ounce will produce about 3000 plants.

Closely resembles Cauliflower, but more hardy and sure heading. Sow seed in May and plant out in June in rows two feet apart each way.

	Pkt.	oz.
White Cape Heads creamy white and of large size	10	30

Brussels Sprouts

One ounce will produce about 3000 plants.

The seed should be sown about the middle of May in a seed bed, and the plants afterwards set in rows two feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in autumn, after the early frosts.

	Oz.	¼ lb.	lb.
Dwarf Improved Compact in growth and of excellent quality	25	65	

Borecole or Kale

One ounce will produce about 3000 plants.

Sow in beds early in spring and transplant in June; treating in same manner as Cabbage.

	Oz.	¼ lb.	lb.
Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety.....	10	25	75
Siberian (Dwarf German Greens or Sprouts). Usually sown in September, to use the following spring	10	25	75

Cauliflower

One ounce will produce about 1000 plants.

Cultivate as directed for cabbage. In dry weather water liberally. Cauliflower likes a cool moist situation.

	Pkt.	Oz.
Early Dwarf Erfurt Very earliest dwarf variety,	20	2 00
Early Snowball A very popular early variety; for family use or market gardeners.....	20	2 00
Early Paris Medium size and sure heading variety	10	75



Cabbage

One ounce will produce about 1500 plants.

For early use sow the seed in hot beds in February or March, or may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May and the plants set out in July 2½ by 3 feet.

OUR CABBAGE SEEDS ARE ALL THE BEST
AMERICAN GROWN.

	Oz.	¼ lb.	lb.
Early Winnigstadt Pointed head, very hardy and sure to head	20	50	1 50
Early Jersey Wakefield The best early sort medium size, pyramidal shape, with rounded peak,	25	75	2 50
Charleston, or Large Wakefield Much larger than the above, but not as early....	30	90	3 00
All Head, Early The largest heading second early sort. Heads flat and very solid.....	25	75	2 50
All Seasons A superior variety for second early and late; early as Early Summer and larger,	25	75	2 50
Henderson's Early Summer The leading early drumhead variety	25	75	2 50
Hollander, or Danish Ball Head Excellent winter sorts, heads very solid.....	25	75	2 50
Warren Stone Mason An improved Stone Mason, earlier, deeper and more solid.....	25	75	2 50
Large Late American Drumhead An excellent late sort, sure heading and splendid quality,	20	50	1 50
Premium Flat Dutch The standard main crop variety	20	50	1 50
American Drumhead Savoy Improved The finest Savoy variety, finely curled, large and solid,	25	60	2 00
Early Ulm Savoy The earliest and sweetest savoy	25	60	2 00
Mammoth Rock Red Large size, very solid,	25	75	2 50

Chervil

	Oz.	¼ lb.
Curled Chervil An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills half an inch deep, one foot apart	10	30

Carrot

One ounce to 100 feet of drill; four pounds per acre.

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be one inch deep and one foot apart, thinning out to three or four inches between the plants. Carrots do best in a deeply tilled, sandy loam.

Oz. ¼ lb. lb.
Early Scarlet Horn A favorite sort; for early summer use....10 25 80
Early French Forcing The earliest variety grown; small, tender. Fine quality10 25 80
Danvers Half Long Rich deep orange color; excellent quality: roots taper to a point. A very heavy cropper (select stock)10 30 90

Oz. ¼ lb. lb.
Guerande, or Ox Heart Stump-rooted; one of the most valuable varieties, either for family use or market; fine flavor and color; very productive, 10 25 80

St. Valery An excellent variety for private gardens. Grows from ten to twelve inches long, 10 25 80

Improved Long Orange Large variety; used for main crop10 25 75

Chantenay A stump rooted variety having a large shoulder; very productive10 25 80

White Belgian Large white root; extensively grown for stock feeding10 20 50



Celery

One ounce will produce about 1500 plants.

Seeds may be sown in the open ground in April. Sow about half an inch deep and firmly press the soil over the seed. After the seed is up, keep care-



fully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots. The soil best suited for celery is a rich, moist loam.

Oz. ¼ lb. lb.
White Plume Excellent for early use; naturally white, requires little blanching.....25 75 2 50
Golden Self-blanching. True stock. Similar to above except that the stalks are a beautiful golden yellow. Our stock of this celery is endorsed by the leading market gardeners of this section. Package, 10 cents40 1 50 5 00
Winter Queen Robust growth, medium height. An excellent keeper and desirable for winter storage. Package, 10 cents30 75
Pink Plume A pink variety of the self-blanching type25 75 2 50
Giant Pascal An excellent late sort, easily blanched and a good keeper.....20 60 2 00
Boston Market A dwarf branching variety, 20 60 2 00
Celeriac, or Turnip Rooted Grown exclusively for the roots25 75 2 50
Soup Celery For flavoring05 10 30

Corn, Sweet

One quart to 200 hills; one peck per acre.

Plant in hills three feet apart each way, and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession planting should be made at intervals from May to July.

CHOICE CONNECTICUT GROWN

Price, all varieties, qt., 20c.; 2 qts., 35c., 4 qts., 65c.; 1 peck, \$1.25. Except where noted.

Peep o' Day Very early, small ears, very sweet. Qt., 25c.; 2 qts., 45c.

Early Cory Early, good sized ears and large grains.

White Cory Like the above; white cob and kernel.

Golden Bantam Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. Pt., 20c.; qt., 35c.; 2 qts., 60c.

Crosby's Early Matures after Cory; excellent quality.

Potter's Excelsior, or Squantum Very sweet and tender, one of the finest for main crop.

Stowell's Evergreen One of the most popular varieties for main crop.

Black Mexican Very sweet and superior quality.
Bearsfoot A very desirable late variety, qt., 25c.;
 ½ pk., 80c.
Late Mammoth Large ears, rich and sweet.
Country Gentleman The sweetest and most tender
 of all varieties. Qt., 25c.; ½ pk., 80c.

Field and Fodder Corn

	Pk.	bu.
Early Yellow Canada Very early; eight rowed	60	2 00
Longfellow Ears average 12 to 15 inches in length	60	2 00
Sanford Ears large and small cob, white kernel,	60	2 00
Red Cob Ensilage Sweet, tender and juicy pro- ducing abundance of foliage	50	1 75
Improved Leaming Ears large and handsome, deep grain, small cob	50	1 75
Evergreen Sweet Fodder For cutting green for stock	50	1 75
Pop Corn Rice and White Pearl, choice Eastern grown, lb., 10c.		

Corn Salad or Fetticus

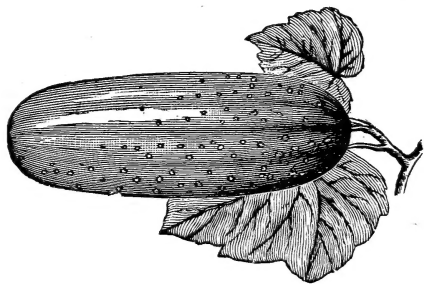
Used as a salad. Is sown in early spring, in rows
a foot apart, and is fit for use in six or eight weeks
from the time of sowing.

	Oz.	¼ lb.	lb.
Large Leaved	10	25	75

Cress or Pepper Grass

A well-known pungent salad; cover very slightly,
sow at frequent intervals to keep up a succession; to
be used before the flowers appear.

Extra Curled Very fine; may be cut two or three times	10	20	50
Upland Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in spring; pkt., 10c.; oz., 75c.			
Water Cress Hardy perennial aquatic plant,	40	1 25	4 00



Cucumber

One ounce to 50 hills; 2 lbs. per acre.

Cucumbers succeed best in warm, rich, sandy loam.
Plant when all danger of frost is past, in hills about
four feet apart each way; the hills should be previ-
ously prepared by mixing thoroughly with the soil of
each a shovelful of well rotted manure; sow for
pickling from the middle of June to the middle of
July. Price, except where noted, oz., 10c.; ¼ lb.,
35c.; lb., \$1.25.

Improved White Spine One of the best varieties
for table use.

White Spine Forcing A special strain for cul-
tivation under glass. Fruit grows very even in
size; color, dark green.

Early Russian The earliest in cultivation; small
and productive.

Early Cluster Length about 5 inches; tender and
productive.

Boston Pickling True stock; the best variety for
pickling.

Oz. ¼ lb. lb.

Green Prolific Excellent for summer use and for
pickling.

Improved Long Green Ten to twelve inches in
length; dark green.

West India Gherkin Small, oval shaped, for
pickling

Everbearing Small sized, very early, and enor-
mously productive.

Japanese Climber Can be grown either as an or-
dinary ridge cucumber or as a climber,

English Frame Telegraph For growing in hot
beds. Pkt., 25c.

Dandelion

*One ounce will sow 100 feet of drill; two pounds
to one acre.*

Sow in May or June in drills a foot apart, press
the earth firmly over the seed, cultivate during sum-
mer, cover lightly with straw during winter, and the
following spring the leaves will be fit to cut. The
roots when dried and roasted are often employed as
a substitute for coffee.

Improved Broad Leaved Pkt., 10c.; oz., 40c.; ¼
lb., \$1.50; lb., \$5.00.

Egg Plant

One ounce will produce about 1000 plants.

The seed should be sown in hot beds the first week
in April. Plant out about June first, about two and a
half feet apart. The Egg Plant will thrive well in
any good garden soil.

Black Beauty Fully ten days earlier than Imp.
New York, remarkably healthy growth and large
fruit; pkt., 10c.; oz., 50c.

Improved New York Spineless Quite free from
spines, fruit of large size, and perfect form; two
weeks earlier than the old variety. Pkt., 10c.;
oz., 50c.

Endive

One ounce will sow 150 feet of drill.

Sow in drills one foot apart, thin out to ten inches
apart, blanch when the leaves are about nine inches
long, by drawing them together and tying them care-
fully.

Green Curled Very hardy, leaves dark green,
tender

French Moss Curled Very finely curled variety,

Batavian Broad-leaved. Leaves long and broad,
chiefly used in soups

Kohl Rabi

The seeds of this plant may be sown at the same
period as the Swedish or Rutabaga Turnip, and may
be cultivated in the same way, remembering to leave
the chief part of the stems uncovered by the earth.
The bulbs may be kept sound and nutritious until
late in the spring, even later than those of Turnips.

Early White Vienna The best variety,

Early Purple Vienna Later than the white,

Leek

One ounce will sow 100 feet of drill.

The Leek is very hardy and easily cultivated. Sow
in April in drills one foot apart, and transplant in
July into rows fifteen inches apart, and six inches
from each other in the rows. The soil should be rich
but not fresh manured.

Large American Flag The kind mostly grown
for Market

Musselburgh Grows to very large size,



Lettuce

One ounce will sow 100 square feet or 120 feet of drill.

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows two feet apart, and a foot between the plants. Lettuce requires good ground and abundant moisture.

	Oz. ¼ lb.	lb.
Boston Forcing A small compact, very early heading sort	20	60
May King Extremely early. For out of door or glass culture	20	60
Boston Market Fine for cold frames or open ground	15	40 1 25
Black-Seeded Tennisball Heads close and hard,	15	40 1 25
Improved Salamander Heads compact and resist the summer heat well.	20	50 1 50
Hanson Large heads, solid; an excellent summer variety	15	40 1 25
Big Boston Fine for cold frames or out doors; Heads large and solid	20	50 1 50
Curled Silesia A favorite for the home garden,	15	40 1 25
Early Curled Simpson Very popular for out-door culture	15	40 1 25
Boston Curled Fine frilled leaves; crisp and tender	15	40 1 25
Black-Seeded Simpson Excellent for forcing or out-door culture	20	50 1 50
All the Year Round A popular summer sort,	20	50 1 50
White Summer Cabbage Excellent for out-door,	20	50 1 50
Crisp as Ice Medium size, solid head; one of the best bronze leaved sorts	20	50 1 50
Tomhannock Upright growth; crisp and tender; brown edged	15	40 1 25
Self-folding Cos Should be sown early and tied up to blanch	20	50 1 50

Mustard

One ounce to 80 feet of drill.

Sow in shallow drills a foot apart. The young leaves are used for salads and the seeds for flavoring.

White Best for Salads	05	10	20
Brown More pungent in flavor than the white,	05	10	20

Melon—Musk

One ounce to 80 hills; 2 to 3 pounds per acre.

Prepare hills four to five feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm plant from 12 to 15 seeds in each hill; afterwards thin out, leaving four good plants.

	Oz. ¼ lb.	lb.
Emerald Gem Early, small; flesh deep orange; very sweet	20	60 2 00
Extra Early Hackensack Earlier than Hackensack and not quite as large,	10	30 1 00
Early Christina Very choice; flesh yellow; early; one of the best.	10	30 1 00



Golden Netted Gem One of the earliest, best and most prolific small melons	10	30	1 00
Jenny Lind Flesh light green; small but very early	10	30	1 00
Nutmeg Fruit oval, very early; exceedingly sweet	10	30	1 00
Miller's Cream Skin very thin, dark green; flesh salmon and excellent flavor	10	30	1 00
White Japan Very early and prolific, medium size; flesh green; thick and very sweet,	10	30	1 00

Melon—Water

One ounce to 30 hills; 4 to 5 pounds per acre.

Plant in hills as directed for Musk Melons, and treat in all respects the same except that the hills should be about 8 feet apart. Price, all varieties, oz., 10c.; ¼ lb., 20c.; lb., 60c.

Cole's Early Medium size; flesh bright red; excellent quality.			
Phinney's Early Very early and sweet; flesh deep red.			
Kleckley's Sweet Vines vigorous and productive; flesh bright red and exceedingly sweet.			
Hungarian Honey Very early, nearly round. dark green skin, brilliant red flesh.			
Mountain Sweet One of the best; color dark green.			
Black Spanish Large; very dark green; flesh deep red; sugary.			
Citron For preserves only.			
White Gem Perfectly round, almost white skin, bright red flesh.			

Mushrooms

"American Pure Culture Spawn," produced under the new *selective* method, recently discovered, the only method which makes possible the segregation of varieties, is received *absolutely fresh* at frequent intervals from the manufacturer. This spawn will produce mushrooms of a specific variety selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. *It absolutely eliminates all danger of raising poisonous mushrooms.* We keep on hand the cream white variety. Bricks weigh from $1\frac{1}{4}$ to 1 1-3 lbs., and will spawn 10 square feet of beds; each, 20c.

Illustrated book, *Mushroom Culture and Pure Culture Spawn*, containing the latest methods of raising, preserving and cooking mushrooms, 25c. per copy, postpaid.

Nasturtium

The seeds while young and succulent are pickled and used as capers. Sow the seeds in drills one inch deep, the tall grown by the side of a fence, or supported by a trellis.

	Oz.	$\frac{1}{4}$ lb.	lb.
Tall Mixed	10	30	\$1 00
Dwarf Mixed	10	30	1 00

Okra or Gumbo

One ounce to 75 hills.

Sow early in May, in drills two inches deep, setting the plants from two to three feet apart.

Dwarf Green The very best variety for general cultivation

Onions

One ounce will sow 100 feet of drill; 6 lbs. per acre.

A rather strong, deep, rich, loamy soil is considered most suitable for onion culture. Prepare ground the previous autumn by plowing or spading deeply and applying a heavy coat of well-rotted barn-yard manure. Sow seed early in spring in shallow drills one foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Our Onion Seed is all Eastern grown.

Yellow Globe Danvers True Buxton type. A standard sort, deep globe shape, large size, mild flavor and a good keeper.....	20	50	1 75
Large Red Weathersfield One of the most productive and longest keeping sort. Large size, flat purplish red color	20	60	2 00
Southport Yellow Globe Larger than Globe Danvers, excellent quality	20	60	2 00
Southport Red Globe Very early, globe shape, bright red color, excellent keeper.....	20	60	2 00
Southport White Globe Large, globe shape, mild flavor and firm; a good keeper. Always command a high price in market.....	25	85	3 00
White Portugal Excellent for family use, and recommendable for pickling.....	30	1 00	3 00
Prizetaker Globe shape, very large size, extremely mild flavored; is most satisfactory when sown early in hot bed and transplanted.....	20	60	2 00
The Queen Rapid growth, mild flavored and a good keeper	20	60	2 00

Onion Sets

(Prices variable.)

	Qt.	$\frac{1}{2}$ pk.
White Sets	25	75
Yellow Sets	20	65
Red Sets	20	65
Potato Onions	20	60
White Multipliers	25	75
Shallots	30	75

Parsley

One ounce will sow 150 feet of drill.

Sow thickly in drills a foot apart and half an inch deep early in the spring, having soaked the seed in tepid water a few hours.



	Oz.	$\frac{1}{4}$ lb.	lb.
Champion Moss Curled Fine and unsurpassed for garnishing	10	25	75

Oz. $\frac{1}{4}$ lb. lb.

Fern Leaved Very ornamental; valuable for table decorations.

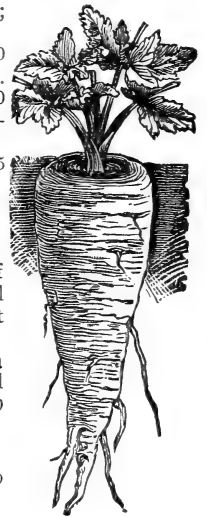
10 30 90

Plain Leaved Excellent flavor.

10 20 60

Hamburg Rooted Fleshy vegetable root for soups, etc.,

10 25 75



Parsnips

One ounce will sow 200 feet of drill 5 lbs. per acre.

Sow as early as possible, half an inch deep, and press the soil firmly over the seed; succeeds best in a rich, sandy loam.

Hollow-Crown, or Long-Smooth

The standard sort for general use

Peas

One quart will plant about 100 feet of drill. One and one-half bushels per acre.

Plant the extra early smooth varieties soon as the ground can be worked; and the wrinkled sorts soon as the ground becomes warm. Make rows for dwarf varieties two and one-half feet apart and for tall sorts three feet apart.

Gradus A variety rivaling the first earlies in earliness, but producing pods and peas equal to the large marrow sorts. Unexcelled in quality and flavor

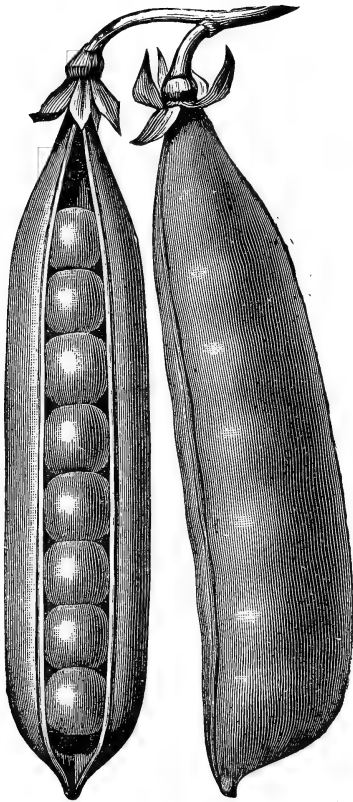
Thomas Laxton Resembles the Gradus in size of pod but of darker color and considered a better cropper

New York Market Very early and productive. A general favorite among the market gardeners; robust in growth and withstands drought well; height, $2\frac{1}{2}$ feet

Improved Daniel O'Rourke A standard extra early sort; height, $2\frac{1}{2}$ feet

Alaska or Earliest of All The earliest pea in cultivation; matures nearly its entire crop at one picking; height, $2\frac{1}{2}$ feet

American Wonder One of the earliest wrinkled peas, dwarf and robust in growth, pods long and well filled; height, 10 to 12 inches.....



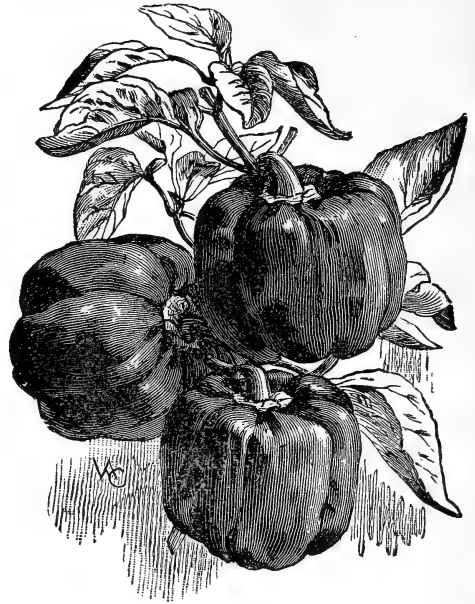
- Nott's Excelsior** An excellent dwarf wrinkled pea robust and vigorous in growth. Peas and pods large; quality and productiveness unexcelled, 30 1 00
- New Dwarf Champion** A sort with all the merits of the Champion of England, height, 26 inches, matures little after Little Gem.....25 75
- McLean's Advancer** A standard variety of excellent quality25 75
- Telephone** A very popular variety, height, 3½ feet. Pods 5 to 7 inches long, containing 8 to 12 peas of unequalled flavor.....30 1 00
- Stratagem Improved** Pods large size and well filled; quality excellent; height, 2 feet..30 1 00
- Everbearing** A branching and everbearing sort. Height, 3 feet; pods long, well filled....25 75
- Champion of England** A standard tall growing sort; productive and good quality.....25 75
- Black-Eyed Marrowfat** Hardy and productive; an old standard, height, 4 feet.....20 50
- Dwarf Sugar** Edible, pods can be used like a string bean30

Pepper

One ounce will produce about 2000 plants.

Sow the seed in March or April in a hot bed, and transplant to the open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the rows. A warm sandy loam is best. Prices except where noted, oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

- Giant Crimson** The earliest very large sweet pepper. Plant vigorous, upright, larger than Chinese Giant and more productive. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50.
- Sweet Mountain** Large size, regular, handsome shape, mild flavor, very early,
- Large Bell** A standard sort, large size, mild flavor
- Squash** Medium size, productive.



- Ruby King** Very mild, fruits 4 to 6 inches long; excellent for stuffing; a very popular sort.
- Long Red Cayenne.** Bright red, slender pods, very pungent.
- Red Cherry.** For pickling; cherry shaped.
- Chilli** Very small, red, very pungent.

Potatoes

All the leading varieties, choice Maine grown stock, at lowest market prices.

Pumpkin

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May, in hills eight feet apart.



- | | Oz. | ¼ lb. | lb. |
|---|-----|-------|-----|
| Yellow Sugar Very sweet; an excellent table sort | 10 | 20 | 60 |
| Connecticut Field For feeding stock..... | 05 | 15 | 40 |
| Large Cheese Flat, one of the best varieties for family use..... | 10 | 20 | 60 |

Radish

One ounce will sow 100 feet of drill.

Radishes require a light, rich, sandy soil. For an early supply sow in a hot bed in February, care being taken to give plenty of ventilation. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks.

We carry but one grade; the best.

Early Scarlet Globe For forcing in greenhouses, hot beds and cold frames or open-ground sowing, this is one of the very best. Globe shaped, fine scarlet color, crisp, mild and tender. Small tops. The market gardeners' favorite....10 25 75
Price of the following varieties....10 20 60

Early Scarlet Turnip A standard variety for market or family use.

French Breakfast Olive shaped, bright scarlet, white tipped. A favorite sort.

Long Scarlet Short Top Long, smooth crisp and tender.

Scarlet Turnip White Tipped Very early, excellent quality.

Wood's Early Frame Long, red, crisp. good for forcing or out door.

White Giant Stuttgart Top shape, white skin and flesh, summer variety, but does not become pithy until late and can be stored for winter.

Olive Shaped Scarlet Firm, crisp, good flavor.

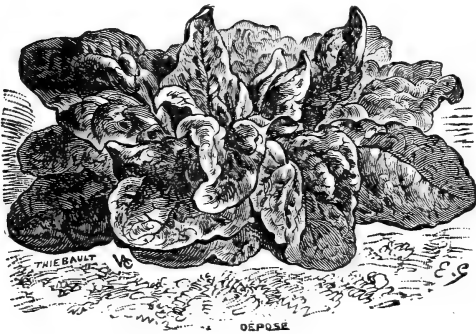
White Strasburg A favorite summer variety.

White Turnip A favorite summer variety.

Long Black Spanish An excellent winter sort.

Round Black Spanish A winter variety.

Rose China Winter Scarlet, white tipped, excellent quality.



Spinach

One ounce to 100 feet of drill.

For summer use, sow early in March, in drills fifteen inches apart, and for succession at intervals of a fortnight. For winter use sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick Leaved The best for spring or fall sowing05 10 30

Victoria Leaves large, thick, dark green. A favorite for spring or fall sowing....05 10 30

Long Standing Excellent for spring sowing,05 10 30

Prickly The hardiest sort. generally used for fall sowing05 10 30

Bloomsdale Savoy leaved, for sowing in the fall for early spring use.....05 10 30

New Zealand Entirely distinct variety, produces a large quantity of leaves; for summer use,10 30 90

Salsify or Oyster Plant

One ounce to 50 feet of drill.

The Salsify has a long white, tapering root, resembling a small parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep.

	Oz.	¼ lb.	lb.
Long White The standard sort....	10	30	1 00
Sandwich Island Grows to a large size; very mild flavor	15	50	1 50

Squash

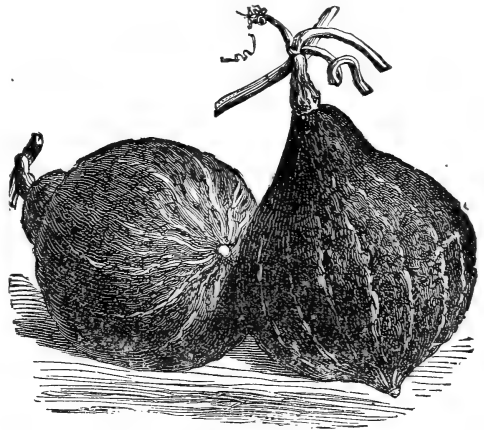
Bush sorts, one oz. to 50 hills; 6 lbs. per acre.

Running sorts, one oz. to 16 hills; 4 lbs. per acre.

The Squash is a very tender vegetable, sensitive of cold and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts thinned to not over three plants to a hill.

Giant Summer Crookneck Larger than the ordinary summer crookneck10 25 75

White Bush Scallop Early; a good market sort,10 25 80



Yellow Bush Scallop Yellow flat, scalloped edge10 25 75

American Turban A favorite late variety,10 25 80

Boston Marrow A good keeping winter sort,10 25 80

Early Prolific Marrow The earliest and most productive; fall and early winter variety,10 25 80

Golden Bronze Dark grayish green skin; bright yellow flesh; fine grained.....10 25 80

Hubbard The standard winter squash,10 25 80

Chicago Warty Hubbard A popular selection of the well-known Hubbard, having dark green warted shell. Large size and excellent quality,10 25 80

Golden Hubbard Similar to the standard sort except in color10 25 80

Delicious Medium size, thick, bright yellow flesh; excellent flavor10 30 1 00

Essex Hybrid A fine fall variety....10 25 80

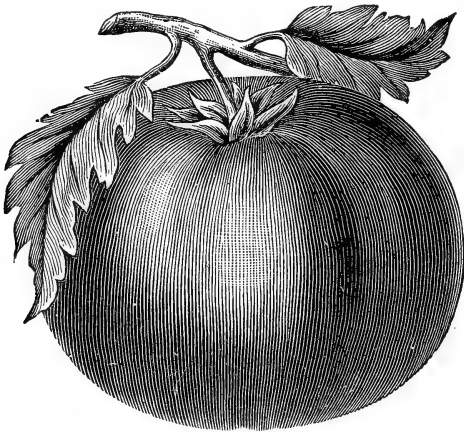
Mammoth Chilli Enormous size. orange yellow color15 35 1 25

Winter Crookneck A favorite winter sort,10 25 80

Tomato

One ounce will produce about 2000 plants.

The seed should be sown in a hot bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high set out in boxes, three inches deep, four inches apart, in another hot bed or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil four feet apart.



Price except where noted, oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

- June Pink** Extra early purple fruited, very desirable.
- Earliana** The earliest large red tomato. A favorite among market gardeners.
- Chalk's Early Jewel** Medium early, bright scarlet, ripening up to the stem without cracks or green core.
- Acme** Very early, smooth, color purplish pink.
- Matchless** The best; large fruited, bright red tomato.
- Beauty** Large, smooth, early, dark purplish pink.
- Favorite** Large, smooth, productive. A good shipper.
- Trophy** A standard late variety.
- Perfection** Early, regular and productive, reddish scarlet.
- Livingston's Globe** Large purple fruit, excellent quality; pkt., 10c.; oz., 40c.
- Dwarf Champion** A distinct variety; robust, short jointed; fruit early, medium size, crimson color.
- Stone** A remarkable main crop variety. Smooth, solid and very little seed capacity, very productive and quality is unexcelled.
- Dwarf Stone** The largest fruited of the dwarf sort. Color, bright scarlet.
- Ponderosa** The largest variety in cultivation. Oz., 40c.; $\frac{1}{4}$ lb., \$1.25.
- Golden Queen** A large, smooth yellow variety.
- Strawberry** (Husk). A favorite preserving sort.

Tobacco

One ounce will produce plants for one acre.

Sow broadcast in hot beds or in open ground soon as ground can be worked. Keep free from weeds and water freely in dry weather. Set out about June 1st three feet apart on highly manured ground.

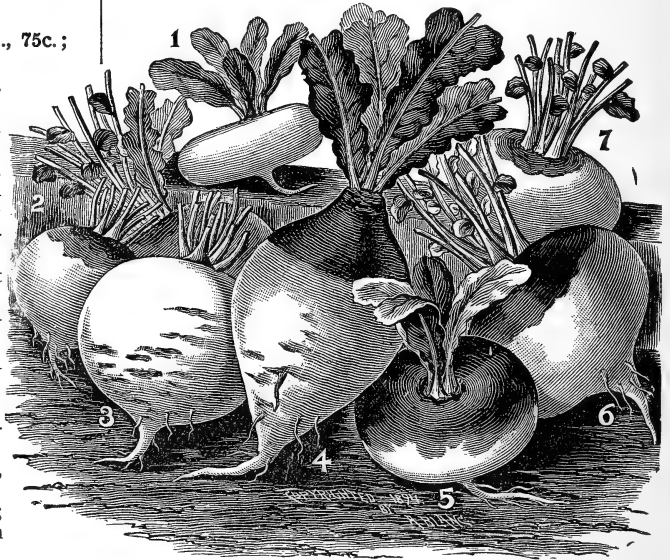
	Pkt.	oz.
Connecticut Seed Leaf	10	30
Havana	10	40

Turnip

Ounce will sow 150 feet of drill; one pound per acre in drills; 2 to 3 pounds broadcast.

For summer use, sow early in the spring in drills and thin out to eight inches. For fall and winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills eighteen inches apart; thin out when large enough, six to nine inches apart in drill, according to size.

	Oz.	$\frac{1}{4}$ lb.	lb.
Extra Early Purple Top Milan The earliest Turnip. White, flat, medium size	10	25	75
Red Top Strap Leaf A popular quick growing sort	10	20	40
White Egg Rapid growth, pure white, egg shaped, fine grained	10	20	50
Golden Ball Medium size and excellent quality,	10	20	50
Cow Horn Flesh white, fine grained a good table sort	10	20	50
Budlong White Rock Much smoother than the old type, white flesh, mild and sweet	10	20	60
Twentieth Century Rock Fully three weeks earlier than the Budlong. Excellent quality, and a remarkable keeper	10	25	75
Sweet German Flesh white, sweet and mild flavored	10	20	60
Improved American Yellow flesh, excellent quality	10	20	60



Vegetable Roots and Plants

	Doz.	100
Asparagus Conover's Colossal, Palmetto. Two year old roots	20	75
<i>Special prices for large quantities.</i>		
Chives Plants	Doz.	
15 cents each	1	00
Rhubarb Roots Victoria, large, 15 cents	1	50
Horse Radish Sets Doz., 10c.; 100, 60c.		
Cabbage, Cauliflower, Egg Plant, Celery, Pepper, Lettuce, Tomato Plants in the season at low prices.		

Herbs

PACKAGES 5c.

Anise, 15c. oz.; Basil, 20c. oz.; Caraway, 10c. oz.; Catnip, 25c. oz.; Dill, 15c. oz.; Fennel, 15c. oz.; Lavender, 20c. oz.; Marjoram, Sweet, 20c. oz.; Sage, 15c. oz.; Savory, Summer, 15c. oz.; Thyme, 30c. oz.

Bird Seed

Extra Recleaned

	Lb.	3 lb.	10 lb.
Canary. Sicily	10	25	70
Rape. Ger. Summer	10	25	70
Hemp Russian	10	25	60
Sunflower	10	25	70
Millet	5	15	45
Rice Unhulled	10	25	80
Maw	20	55	
Lettuce	30	85	

Grains, Etc.

SUBJECT TO CHANGE IN PRICE

	Bu.
Buckwheat, Japanese Early, immense crop-per	\$1 50
Barley Two-rowed. Select stock.....	1 75
Beardless Earlier than any bearded sort, better feeding and as productive	1 75
Spring Rye Sow 1 to 1½ bu. to the acre...	1 75
Oats Various sorts at market prices.	
Canada Field Peas Valuable for cattle feeding, excellent for ensilaging, or sown broadcast in the spring and harrowed in.....	2 00
Vetches, Spring Sown mixed with oats for soiling	3 00
Kaffir Corn Excellent for fodder; per lb., 10 cts.; 100 lbs., \$2.25	
Rape, Dwarf Essex A prolific foliage plant for sheep pastures. Sow 5 pounds to the acre in drills. Per lb., 15c.; 100 lbs., \$6.00.	

Grass Seeds

Prices May Change as the Season Advances

Rhode Island Bent One of the best grasses for lawns in adapting itself to almost any soil, dry, moist or sandy. Valuable for permanent pastures. Per lb., 35c.
Kentucky Blue (<i>Poa Pratensis</i>). A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. Per lb., 25c.
Orchard Grass (<i>Dactylis Glomerata</i>). One of the earliest grasses and very hardy. Should be sown with Red Clover, as it blossoms about the same time. It is very productive and makes excellent hay. Grows well in shady woodlands, but do not use it for lawns. Per lb., 30c.
Timothy (<i>Phleum Pratense</i>). A variety well known and highly appreciated. Produces large hay crops if grown on moist clayey soil. Market price.
Red Top (<i>Agrostis Vulgaris</i>). A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned, per lb., 25c.
Sweet Vernal (<i>Anthoxanthum Odoratum</i>). A perennial grass used in pasture mixtures. Per lb., 50c.
Tall Meadow Oat Grass (<i>Avena Etatior</i>). An early grass much relished by cattle, and produces an abundant supply of foliage. It is hardy and valuable for pasture. Per lb., 30c.
Hard Fescue (<i>Festuca Duriuscula</i>). One of the best dwarf grasses; excellent for dry soil. Hardy and withstands long periods of drought. Per lb., 25c.
Meadow Fescue (<i>Festuca Pratensis</i>). A valuable grass for permanent pastures. Very productive and nutritious. Per lb., 20c.

Crested Dog's Tail (*Cynosurus Cristatus*). An excellent grass for hilly situations and shady parts of lawns, thriving best on rich, moist land. Per lb., 45c.

Rough Stalked Meadow Grass (*Poa Trivialis*). Produces an abundant crop of highly nutritious herbage. Grows well on rich, moist lands and sheltered situations. Per lb., 35c.

Sheep's Fescue (*Festuca Orina*). An excellent grass for sheep pasture. Perfectly hardy, dwarf, compact growth. Per lb., 20c.

Fine Leaved Fescue (*Festuca Ovina Tennifolia*). Adapted to dry soils. Per lb., 40c.

Red Fescue (*Festuca Rubra*). Suitable for sandy soils and at the seashore. Per lb., 30c.

Meadow Foxtail (*Alopecurus Pratensis*). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. Should only be sown with other grasses. Per lb., 35c.

Creeping Bent (*Agrostis Stolonifera*). One of the best lawn grasses; succeeds well in deep soils. Per lb., 35c.

Wood Meadow Grass (*Poa Memorialis*). Chiefly used for shaded positions in lawns and woodland parks, where other grasses will not grow. Per lb., 55c.

English Rye Grass (*Lolium Perenne*). A very nutritious, rapid growing grass. Valuable for meadows and pastures. Per lb., 12c.

Clovers

Alfalfa (*Lucerne*). Requires a deep, rich soil, and in such will produce several crops every season; one of the best green fodder plants; 10 to 15 lbs. to the acre. Per lb., 20c.

Alsike Clover (*Trifolium Hybridum*). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. Per lb., 25c.

Medium Red Clover (*Trifolium Pratense*). Is a perennial, but of very few years' duration; is considered the most nutritious of all species and most valuable in moist locations. Market prices.

White Clover (*Trifolium Repens*). Valuable for lawns and pastures. Per lb., 30c.

Crimson Clover (*Trifolium Incarnatum*). Sown at the last of summer or early autumn; it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. Per lb., 15c.

Millet

German, or Golden Millet Medium early; height 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough bristly sheaths. Per bushel (50 lbs.), \$1.75.

Hungarian Millet (*Panicum Germanicum*). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first day of July, and produces a large green crop; 1½ bushels to the acre. Per bushel (48 lbs.), \$1.75.

Japanese A new millet. very productive if sown early and cut; usually produces a good second crop. Has produced six tons dry hay per acre. Sow one bushel to the acre. Per lb., 10c.; per 100 lbs., \$9.00.

FLOWER SEEDS

Our stock of flower seeds has been selected to supply the wants of a critical florists' trade and our customers may be sure of receiving nothing but seeds of the finest quality.

All flower seeds in packages, ounces and one fourth pound mailed free at prices; larger quantities, add eight cents per pound.

	Pkt.
Abronia Umbellata, trailing annual, rose color	05
Abutilon. Choice mixed. Decorative shrub, suitable for house or garden	15
Acacia Mixed. Greenhouse shrubs, very fragrant	10
Aconitum Napellus (Monkshod). Free flowering hardy plants, does well under shade of trees; 2 feet	05
Acroclinium Graceful everlastings for winter bouquets. Flower heads should be gathered when young if to be preserved.	
Album, white, 1 foot	05
Roseum, rose, 1 foot	05
Adlumia Cirrhosa. Beautiful climber, flowers pink, height 15 feet	05
Adonis Aestivalis (Flos Adonis). Very attractive annual, with bright crimson flowers.....	05
Ageratum Excellent plant for bedding, very free blooming annual.	
Imperial Dwarf, blue, ¾ feet	05
Imperial Dwarf, White, ¾ feet	05
Imperial Dwarf, Mixed	05
Mexicanum, blue, 1½ feet	05
Lasseauxi, rose colored, one foot.....	05
Agrostemma Mixed. Free blooming, hardy perennials of easy culture.....	05
Alyssum Hardy annuals much used for edging, the dwarf sorts are excellent for pots.	
Maritimum (Sweet Alyssum), white, 1 foot, oz., 30c.	05
Little Gem. Very dwarf	05
Saxatile Compactum. Yellow, perennial.....	05
Amarantus Strong growing ornamental annual.	
Bicolor Ruber Scarlet and orange foliage.....	05
Caudatus (Love Lies Bleeding). Dark red	05
Tricolor (Joseph's Coat). Variegated crimson, yellow and green	05
Ammobium Alatum Grandiflorum. A beautiful everlasting annual	05
Ampelopsis Veitchi (Boston Ivy). A beautiful hardy climbing vine	05
Anemone Coronaria (Wind Flower). Spring flowering perennial	05
Antirrhinum (Snapdragon). Valuable border perennials; succeed best in light, well enriched soil.	
Majus Grandiflorum, mixed, 1½ feet.....	05
Majus Album, pure white	05
Tom Thumb, mixed, ½ foot.....	05
Anchusa Capensis. Very attractive and excellent for cutting; purple flowers.....	05
Aquilegia (Columbine). Free blooming hardy perennials; thrive best in a moist situation.	
Single Mixed	05
Double Mixed	05
Armeria Formosa (Sea Pink). Hardy perennial, excellent for edging	10

Aster

One of the most highly prized and best known annuals. Seed should be sown from middle of March to first of May, and when an inch high, transplant into pots or boxes and plant out in open ground last of May. Ground should be well manured, and thoroughly worked.



TRUFFAUT'S PAEONY FLOWERED
PERFECTION

A favorite class, with incurved petals, large, round and well formed. Height, 18 in. to 2 ft.

	1/8 oz. pkt.		1/8 oz. pkt.
Pure White.....40	10	Purple	40 10
Brilliant Pink ..40	10	Scarlet	40 10
Delicate Pink ..40	10	Mixed	30 10
Light Blue	40 10		

VICTORIA

A grand variety, flowers large, perfect form, and beautifully imbricated. Height 15 to 18 in.

	1/8 oz. pkt.		1/8 oz. pkt.
Pure White	50 10	Scarlet	50 10
Pink	50 10	Peach Blossom.....	50 10
Light Blue	50 10	Mixed	40 10
Purple	50 10		

QUEEN OF THE MARKET

The earliest flowering variety, stems long and an excellent variety for cutting.

	1/8 oz. pkt.		1/8 oz. pkt.
White	35 10	Light Blue	35 10
Flesh Color	35 10	Dark Blue	35 10
Rose	35 10	Mixed	25 05

SEMPLE'S BRANCHING

Blossoms are large, loose and graceful, resembling Chrysanthemums. Branching in habit, and late flowering. A superb variety.

	1/8 oz. pkt.		1/8 oz. pkt.
White	30 10	Lavender	30 10
Shell Pink	30 10	Purple	30 10
Rose Pink	30 10	Mixed	25 10

GIANT COMET

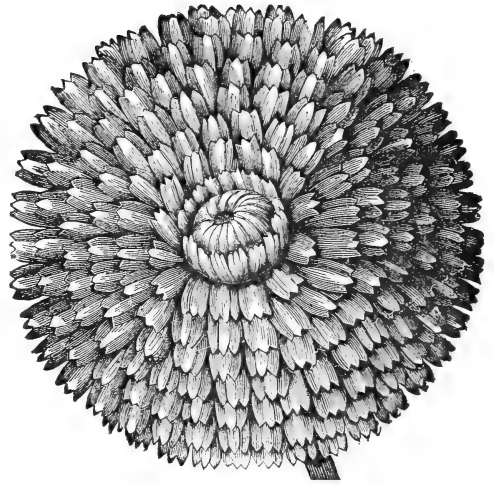
Flowers large, petals curled and twisted.

	pkt.		pkt.
White	10	Rose	10
Light Blue	10	Dark Blue	10
Crimson	10	Mixed	10

VARIOUS ASTERS

Pkt.

- Dwarf Chrysanthemum Flowered* An excellent sort for pot culture, white and mixed colors, each 10
- Crown, or Cocardeau* Centre of flowers white with various colored outsides; mixed colors.. 10
- Mignon* Resembles the Victoria race, but more free flowering; white and mixed colors, each.. 10
- Rose Flowered* Large flowering, very double and brilliant colored; mixed colors..... 10
- Washington* Very double and perfect in form, one of the largest flowering sorts..... 10
- Daybreak* Delicate pink, long stems, well formed bloom 10
- Jewel or Ball* Dwarf, erect, free blooming, flowers good size, perfectly round, mixed colors 10
- Ostrich Plume* A new class resembling the comet. Extremely beautiful. White or Rose, each 10
- Betteridge's Quilled* Double. Mixed colors.... 05
- Asparagus** *Sprengeri*. Excellent for hanging baskets 10
- Plumosus Nanus* Fine feathery foliage, very attractive for pot plants 15
- Asperula** Adapted to border or rockwork, sweet scented, long bloomers.
- Setosa Azurea* Light blue, 1 ft. 05
- Odorata* (Woodruff). White, 1½ ft. 05
- Balsam** Very popular annuals, producing a brilliant array of colors. Sow in open ground in May, and transplant two or three times to insure best results.
- Improved Camellia Flowered* Pure White 05
- “ “ “ Mixed colors 05
- Balloon Vine** A very rapid growing climber, producing curious shaped capsules, oz., 10c.... 05
- Bartonia** *Aurea* Beautiful annuals, flowers golden yellow and very fragrant in the evening 05
- Begonia** Excellent for summer and autumn blooming; both flowers and foliage have a bright waxy appearance.
- Tuberous Rooted* Single mixed; superb strain... 15
- “ “ Double mixed; superb strain. 25
- Vernon* A beautiful plant for beds and borders; withstands heat and drought remarkably.... 10
- Semperflorens* Very showy and fine blooming; mixed colors 10
- Bellis Perennis** (Double Daisy). Highly prized perennials for borders and edging.
- Longfellow* Rose color, large flowering..... 10
- Snowball* Pure white 10
- Finest Mixed* 10
- Browallia Elata**. Mixed. Excellent for cutting; colors, white and pale blue..... 05
- Calceolaria** *Hybrida*. Choice Mixed. Recommended for greenhouse plants with beautiful striped, blotched and variegated flower..... 25
- Campanula** (Canterbury Bells). Very attractive, hardy biennials, showy for borders.
- Media* Single Mixed, bell-shaped flowers..... 05
- “ “ White 05
- “ “ Rose 05
- “ “ Striped 05
- “ “ Double Mixed Double Canterbury Bells. 05
- Calycanthema* Mixed. Cup and saucer sort.... 05
- Carpatica Compacta* Mixed. Dwarf, hardy perennials 05
- Calliopsis** Very free flowering annuals, producing a gorgeous display in various shades of yellow and brown.
- Drummondii* Yellow and brown; attractive.... 05
- Finest Mixed* Ounce, 25c..... 05
- Lanceolata* Bright Yellow perennial 05



CALENDULA

Pkt.

Calendula (Pot Marigold). Very robust. Free flowering annuals, excellent for pots or bedding.

- Meteor* Double, light orange striped, 1½ ft., oz., 20c. 05
- Prince of Orange* Deeper orange than Meteor, oz., 20c. 05
- Mixed* All sorts, oz., 20c. 05

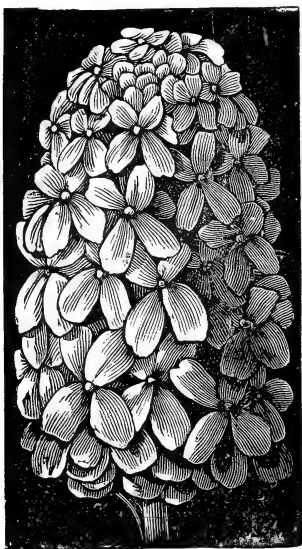


CARNATION MARGUERITE

Carnation

Excellent for pots and open border culture.

- Marguerite** This variety blooms in four months from sowing of seed; flowers large and fragrant. Finest mixed..... ⅛ oz., 30c. 10
- Marguerite* Pure white, rose or crimson, each.. 10
- Fine Mixed* Double. Fine for borders..... 10
- Canna** Very showy foliage and brilliant flowering plants, desirable for large beds.
- Crozy's Large Flowering Dwarf* Mixed..... 10
- Dark Leaved* Mixed 05
- Green Leaved* Mixed 05
- Chrysanthemum** Very showy annuals; valuable for cutting.
- Single Mixed* Annual sorts 05
- Double Mixed* Annual sorts 05
- Chrysanthemum** Perennial.
- Japonicum Mixed* Finest Japanese sorts..... 15
- Chinensis Mixed* Best Chinese sorts..... 15

**Candytuft**

Pkt.

Free flowering, showy annuals, excellent for borders and valuable for cutting.

<i>Empress</i> Large flowering, pure white, oz.,	40c.	05
<i>White Rocket</i> A standard white sort..	"	20c. 05
<i>Purple</i> Fine dark purple.....	"	30c. 05
<i>Crimson</i> Very beautiful.....	"	30c. 05
<i>Mixed</i> Annual varieties.....	"	30c. 05
<i>Tom Thumb</i> White, an excellent dwarf sort....		10
<i>Hardy Perennial</i> (<i>Sempervirens</i>). Pure white...		10

**Celosia (Cockscomb)**

Very showy annuals of two distinct classes. *Cristata*, the comb varieties; *Plumosa*, the feather sorts.

<i>Cristata Nana</i> Dwarf sorts in variety of colors.	
Mixed	05
<i>Cristata Glasgow Prize</i> Dark foliage and crimson comb	10
<i>Plumosa Ostrich Feather</i> Crimson, large.....	10
<i>Plumosa Golden Feather</i> Yellow plumes, fine...	10
<i>Plumosa Thompsoni</i> Mixed colors.....	10

Centaurea

<i>Candidissima</i> Silver leaved sort; excellent for borders	10
<i>Gymnocarpa</i> Silver foliage; drooping in habit..	05
<i>Imperialis</i> The largest flowering variety, very beautiful. Mixed colors	10
<i>Suaveolens</i> Sweet scented, yellow blooms.....	05

CENTAUREA—CONTINUED

<i>Cyanus</i> (<i>Bachelor's Button</i>). Excellent flowering annual. Mixed	oz., 20c. 05
" Blue	" 25c. 05
" Rose	" 25c. 05
" White	" 25c. 05
" <i>Fl. Pl. Double Bachelor's Button</i>	" 25c. 05

Cineraria One of the most beautiful greenhouse plants.

Grandiflora Choice Mixed Large flowering varieties 25 |

Dwarf Extra Mixed An excellent strain..... 25 |

Double Flowering Mixed 50 |

Maritima (*Dusty Miller*). Silver foliage..... 05 |

Clarkia Mixed Free flowering annuals of easy culture 05 |

Cleome Pungens (*Giant Spider Flower*). Very attractive among shrubbery; height 3 feet.... 05 |

Cobæa Rapid growing climbing vines.

Scandens Blue 10 |

" *White* 10 |

Coleus Ornamental foliage plants of great beauty.

New Hybrids. Mixed 25 |

" *Fine Mixed* 10 |

Convolvulus (*Morning Glories*). Free flowering annuals for trellis, rockwork, etc.

Major Mixed Quick growing climbers, oz., 10c. 05 |

Minor Mixed Dwarf sorts for rockeries, etc.... 05 |

Mauritanicus A trailing variety..... 10 |

Cosmos Easy grown annuals, producing large disc-like flowers, resembling Single Dahlias.

Early Flowering Mixed Seed sown in May commences to bloom in August and continues until frost 1/8 oz., 25c. 05 |

Mammoth Perfection Flowers are of large size, often 5 inches in diameter.

White 10 |

Pink 10 |

Crimson 10 |

Mixed 1/8 oz., 25c. 05 |

Cowslip (*Primula Veris*). Hardy perennial, a favorite spring flower. 10 |

Cuphea *Platycentra* (*Cigar Plant*). Very desirable plant for pots or borders.

Scarlet Tipped White 05 |

Cyclamen *Persicum Giganteum*. Excellent for pot plants; foliage is very beautiful and flowers are borne erect well above the foliage.

White, Red, Rose, White with claret base and mixed colors, each 25 |

Cypress Vine Climbing annual of great beauty; the foliage is extremely attractive. Finest mixed oz., 25c. 05 |

Cyperus *Alternifolius* (*Umbrella Plant*). A very desirable plant for table decoration..... 10 |

Daisy Shasta Hardy perennial, blooming abundantly the first year from seed. Flowers pure white with yellow centre..... 15 |

Datura Mixed. Hardy annuals, producing large showy plants, with handsome trumpet shaped flowers 05 |

Dahlia Half hardy perennials of great value for cutting. Will bloom first season from seed sown in March or April. Easily germinated as a Zinnia; strong, robust growers.

Cactus Double flowering mixed 10 |

Double Large flowering mixed..... 10 |

Single Large flowering mixed..... 10 |

Single Fine Mixed 05 |

Delphinium Hardy perennials of value for planting in borders.

Formosum Blue and white, a favorite sort..... 05 |

Hybridum Mixed. Large flowering sort..... 05 |

Dolichos *Lablab* Mixed (*Hyacinth Bean*).

Climbers 05 |



COSMOS

- Dianthus** Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant.
- Chinensis* Fine Mixed. (China Pink). Double flowering, popular sortoz., 40c. 05
- Hedderwigi* Fl. Pl. Double Flowering Japan Pinks 05
- Hedderwigi* Single mixed. Splendid large flowering variety 05
- Plumarius* Double flowering, hardy garden or June Pink 10
- Diadematus* Double flowering Diadem Pink.... 10
- Digitalis** Desirable plants for backgrounds and borders; also excellent for planting among shrubbery. Fine mixed 05
- Alba* Pure White 05
- Rosea* Rose color 05
- Gloxinaeflora* Mixed. Handsome, spotted flowers 05
- Dracæna** Indivisa. Decorative plant with long narrow green leaves 05
- Echinocystis** Lobata (Wild Cucumber). A very rapid growing annual climber..... 05
- Eschscholtzia** (California Poppy). Profuse blooming hardy annuals, bearing Poppy-like blooms from June until frost.
- Californica* Bright yellow 05
- Golden West* Very large bright yellow..... 10
- Mandrain* Orange 05
- Crocea* Fl. Pl. Double deep orange..... 05
- Euphorbia** Very pretty quick growing annuals
- Variegata* White and green foliage..... 05
- Heterophila* (Mexican Fire Plant)..... 10
- Ferns** Finest Mixed. Greenhouse varieties.... 25
- Gaillardia** Showy, free bloomers, excellent for bouquets.
- Lorenziana* Mixed. Superb annual sort..... 05
- Grandiflora* Mixed. Perennials of great beauty.. 05
- Geranium** Finest mixed 10
- Geum Atrosanguineum** Handsome Plants for shrubbery borders. Hardy perennial..... 10
- Gloxinia** Erecta Mixed. Splendid pot plants. 25
- Globe Amaranthus** Mixed. Showy everlasting. 05
- Godetia** Free flowering annuals for beds and borders 05
- Gourds** Ornamental Mixed. Rapid growing climbers with odd shaped fruits.....oz., 30c. 05
- Grevillea** Robusta Graceful decorative plant.. 10
- Gypsophila** Fine for bouquets. Free blooming.
- Paniculata* Perennial; fine feathery white flowers 05
- Muralis* Annual, pink bloom 05
- Heliotrope** Finest mixed. Popular for pots or bedding 10
- Humulus** Quick growing annual climbers for covering arbors, etc., the first season from seed
- Japonicus* Green foliage 05
- Japonicus Variegatis* Variegated green and white 05

Pkt.

Pkt.

- Helichrysum** Mixed. Valuable everlastings... 05
- Hollyhock** Very ornamental perennials, attractive in mixed borders.
- Chater's Prize* Crimson, yellow, pure white, magenta, pink, salmon and mixed, each..... 10
- Single Flowering* Mixed colors..... 10
- Honesty** Hardy biennial treated as an annual, Admired for its silvery seed pouches..... 05



SUNFLOWER

- Helianthus** (Sunflower). Hardy annuals, flowers, very attractive.
- Californicus* Large double orange color, oz., 20c. 05
- Cucumerifolius* (Miniature Sunflower). Small, attractive. Single flowering variety; height 3 feetoz., 25c. 05
- Globosus Fistulosus* Double globe shaped; height, 6 feet 05
- Nanus Variegatis* Dwarf variegated foliage.... 05
- Nanus* Fl. Pl. Dwarf, double flowering..... 05
- Ice Plant** Trailing plants for rockeries, baskets, etc. 05
- Impatiens Sultani** (Sultan's Balsam) Beautiful decorative plants 10
- Impomœa** Grandiflora (Moonflower) Rapid growing climbers, with large white flowers.... 10
- Imperial Japanese Morning Glory* A magnificent strain with very attractive blooms, rapid climbers 05
- Kochia Trichophyla** (Summer Cypress). An easily grown annual, 3 feet high. Makes an excellent hedge or fine specimens 10
- Lantana Hybrida** Mixed. Rapid growing small bushy shrubs 05

Pkt.

Larkspur Excellent annuals for garden culture.	
<i>Dwarf Rocket</i> Mixed	05
<i>Tall Stock Flowered</i>	05
Lathyrus Latifolius Mixed. (Perennial Pea).	
Climbers	05
Linum (Flax). Annuals of graceful habit.	
<i>Grandiflorum</i> Scarlet	05
<i>Flavum</i> Yellow	05
Lobelia Graceful plants for vases, edgings, etc.	
<i>Gracilis</i> Trailing sort, light blue.....	05
<i>Crystal Palace Compacta</i> Erect sort, dark blue..	05
<i>Emperor William</i> Compacta light blue.....	05
Linaria Cymbalaria (Kenilworth Ivy) Trailing plant for vases, etc.	05
Lychnis Chalcedonica (London Pride). Bright scarlet, 2 to 3 feet high. Hardy perennial.....	05



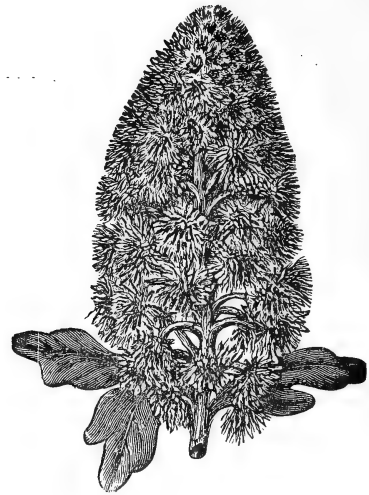
MARIGOLD

Marigold Well known garden annuals.	
<i>African Tall</i> Mixed	05
<i>African Dwarf</i> Mixed	05
<i>El Dorado</i> Very large, double.....	05
<i>French Dwarf</i> Mixed. A very beautiful type,	05
<i>French Dwarf Gold Striped</i> Brown and golden yellow	05
<i>French Tall</i> Mixed	05
<i>Legion of Honor</i> Golden yellow, with purple...	05



MARVEL OF PERU

Marvel of Peru (Four o'clock). Favorite old-fashioned flowers	05
Maurandia Mixed trailing plants for baskets, etc.	10
Matricaria Capensis. Neat, small, double, white flowers	05



Mignonette

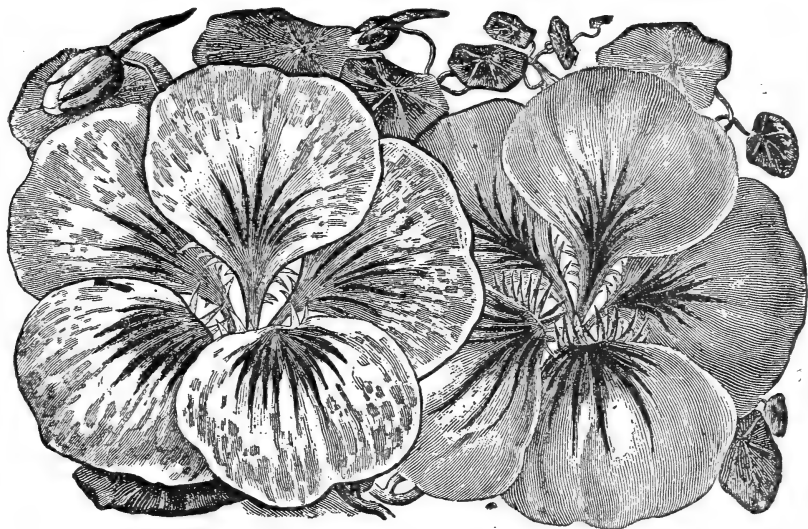
Well known sweet scented annuals.	Pkt.
<i>Grandiflora</i> Large flowering.....oz.,	15c. 05
<i>Machet</i> Best for pots	oz., 75c. 10
<i>Allen's Defiance</i> Large spikes.....oz.,	75c. 10
<i>Golden Queen</i> Yellow Flowering, dwarf compact	05
<i>Miles Spiral</i> Long spikes	05
<i>Giant Pyramidal</i> Red Flowered	05
<i>Bismark</i> Improvement on Machet.....	10
Mimulus Moschatus (Musk Plant). Yellow, sweet scented	10
<i>Tigrinus</i> Spotted varieties	10
<i>Mimosa Pudica</i> (Sensitive Plant)	05
<i>Mina Lobata</i> Rapid climbing annual.....	10
Momordica Very attractive for trailing on fences, stumps, etc.	05
<i>Balsamania</i> Balsam Apple	05
<i>Charantia</i> Balsam Pear	05
Musa Ensete (Abyssinian Banana). Beautiful sub-tropical plant	15
Myosotis (Forget-me-not). Charming perennials, producing small blue flowers.	
<i>Alpestris Victoria</i> Stout bushy habit.....	10
<i>Palustris</i> Blue with white eye.....	10
Nemophila Mixed. Pretty annuals adapted to garden culture	05
Nicotiana Affinis. A specie of tobacco, very decorative	05
<i>Sanderae</i> Hybrids. New Orchid Flowered tobacco. Mixed colors	10
Nigella Mixed. Easy grown annuals	05

Nasturtium

Dwarf

For summer flower beds nothing can surpass them; plants form perfect mounds about one foot high by one foot across. Seed sown in open ground early in spring produce blooming plants in early summer and continue until frost.

	Oz.	
<i>Aurora</i> Salmon and pink	15	05
<i>Beauty</i> Yellow striped red	15	05
<i>Chameleon</i> Variable	15	05
<i>Cloth of Gold</i> Scarlet	15	05
<i>Crystal Palace Gem</i> Sulphur spotted maroon	15	05
<i>Empress of India</i> Crimson, dark leaves..	15	05
<i>Golden King</i> Golden yellow	15	05
<i>King of Tom Thumb</i> Scarlet.....	15	05
<i>King Theodore</i> Dark maroon	15	05
<i>Lady Bird</i> Orange red, spotted.....	15	05
<i>Pearl</i> Creamy white	15	05
<i>Prince Henry</i> Light yellow.....	15	05



NASTURTIIUM

NASTURTIIUM DWARF—CONTINUED

	Oz.	Pkt.
<i>Rose</i> Soft rose	15	05
<i>Ruby King</i> Rose shaded.....	15	05
<i>Scarlet</i>	15	05
<i>Spotted</i> Red and yellow.....	15	05
<i>Vesuvius</i> Salmon rose	15	05
<i>Mixed</i> Extra quality, our own mixture, from named varieties	¼ lb., 30c.	10 05

Nasturtium

Tall or Climbing

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled, of easy culture and rapid growth, 12 to 15 feet high.

<i>Scarlet</i>	15	05
<i>Chocolate</i>	15	05
<i>King Theodore</i> Maroon	15	05
<i>Yellow</i>	15	05
<i>Hemisphericum</i> Yellow blotched pink.....	15	05
<i>Jupiter</i> Giant flowering, yellow	15	05
<i>Regelianum</i> Purple violet	15	05
<i>Pearl</i> Creamy white	15	05
<i>Prince Henry</i> Cream spotted and tipped red	15	05
<i>Vesuvius</i> Salmon rose	15	05
<i>Von Moltke</i> Ruby rose	15	05
<i>Orange</i>	15	05
<i>Mixed</i> Extra quality. Our own mixture, from named varieties	¼ lb., 30c.	10 05

Pansy

Seed should be sown in July and August for early spring blooming, or if sown in May will make excellent plants for late summer and fall blooming.

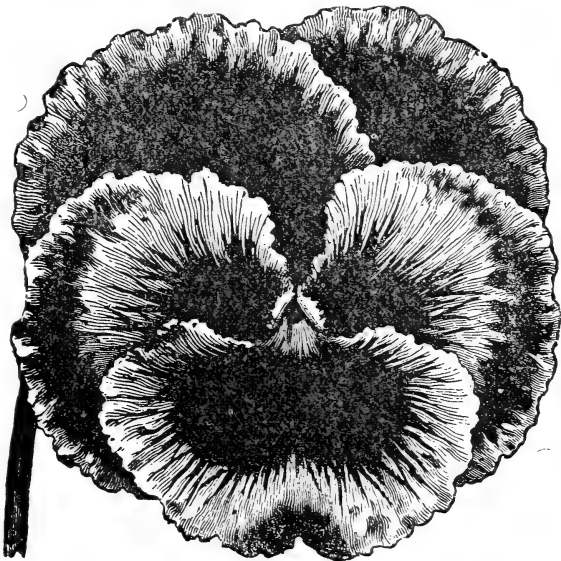
Pino's Special Mixture In this mixture we offer all the choice fancy sorts, and we believe nothing better can be procured.....	20
English Show Large flowering English sorts	20
Bugnot's Stained Superb blotched varieties..	20
Cassier's Giants Splendid large flowering blotched	20
Odier of Five Blotched Distinct blotched sorts	15
Masterpiece Curled, wavy petals, new and distinct	20
Ochidæiflora A large flowering class, comprising many new and novel shades.....	20
Snow Queen Pure satiny white.....	10
Golden Queen Golden Yellow	10
Gold Margined Purple with bright yellow edge	10
Silver Margined Purple edged white.....	10
Emperor Frederick Dark red.....	10

	Pkt.
<i>Quadricolor</i> Rainbow pansy	10
Very Fine Mixed Splendid varieties.....	10
Good Mixed Fine bedding varieties.....	05
Trimardeau Giant The largest and most robust. in growth. Pkt.	
<i>White</i>	15
<i>Yellow</i>	15
<i>King of Blacks</i>	15
<i>Purple</i>	15
<i>Fire King</i>	15
<i>Striped</i>	15
<i>Lord Beaconsfield</i> ...	15
<i>Mixed</i>	25

Petunia

General favorites of easy cultivation, blooming continuously from early summer until frost.

<i>Fine Mixed</i> Single bedding sorts.....oz., 75c.	05
<i>Alba</i> Pure white	05
<i>Countess of Ellsmere</i> Dark rose with white throat	10
<i>General Dodd's</i> Dark crimson.....	10
<i>Striped and Blotched</i> . Splendid varieties.....	10
<i>Dwarf Striped and Blotched</i> Excellent for vases.	10
<i>Grandiflora</i> Single Mixed. Choice large flowering	25
<i>Grandiflora Fringed</i> Single Mixed. Very choice	25
<i>Fringed Double</i> Very choice sorts.....	50
<i>Double Fine Mixed</i>	25



PANSY



Phlox Drummondii

Excellent annuals for bedding.

<i>Grandiflora Alba</i> Pure white	10
<i>Coccinea</i> Brilliant scarlet	10
<i>Rosea</i> Bright rose	10
<i>Atropurpurea</i> Deep blood red.....	10
<i>Grandiflora</i> Mixed. Choice large flowering sorts,	05
.....oz., 75c.	
<i>Cuspidata</i> Splendid star shaped varieties	05
<i>Nana Compacta</i> Mixed. Excellent for pot culture	10
“ “ Snowball. Pure white.....	10
“ “ Fireball Bright red.....	10
<i>Decussata</i> Mixed. Perennial sorts.....	10

Poppies

Splendid plants for borders, beds, etc.

<i>Carnation Flowered</i> Splendid double fringed varieties. Mixed, oz., 20c.....	05
<i>White Swan</i> Pure white.....	05
<i>Brilliant Rose</i>	05
<i>Cardinal</i>	05
<i>Paeony Flowered</i> Mixed. Excellent double varieties	05
<i>Danebrog</i> Brilliant scarlet with white blotch, single	05
<i>Glaucum</i> (Tulip Poppy). Dazzling scarlet, single	05
<i>Shirley</i> Single. Mixed. Very dainty colored, with rich satin appearance.....oz., 50c.	05
<i>Oriente</i> Enormous deep scarlet flowers. Perfectly hardy	10
<i>Oriente</i> Hybrids mixed. Hardy perennial. Finest shades	10
<i>Iceland</i> Mixed hardy perennial, blooming first season from seed	05
<i>Platycodon Grandiflora</i> Hardy perennial, bright red bell shaped flowers	05
<i>Polyanthus</i> Popular hardy perennial. Finest named sorts, mixed.....	10
<i>Portulaca</i> Very brilliant dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather. Single, fine mixed	05
Double choice mixed	10
<i>Primula Sinensis</i> (Chinese Primrose). Excellent pot plants for winter decorations. <i>Alba</i> Pure White; <i>Rubra</i> Red; <i>Chiswick Red</i> Crimson; <i>Rosy Morn</i> Pink; <i>Holborn Blue</i> Light Blue, choice mixed, each, per package..	25
Double flowering, finest mixed.....	25

Primula Obconica A profuse blooming primrose with pale lilac flowers. Seeds sown early in spring produce blooming plants in May.....	15
<i>Forbesi</i> The baby primrose.....	15
<i>Vulgaris</i> Yellow English Primrose.....	10
Pyrethrum Aureum (Golden Feather). Golden leaved plants for edging	05
Pyrethrum Hybridum Grandiflorum Flowers large, aster shaped, colors pink to deep red with bright yellow centres	15
Ricinus (Castor Oil Plant) Highly ornamental plants; excellent for large groups. <i>Borboniensis</i> . Dark green, 15 feet.....oz., 20c.	05
<i>Cambodgensis</i> Very dark foliage and stem, 5 feet	05
.....oz., 25c.	
<i>Gibsoni</i> Dark red, 5 feet.....oz., 20c.	05
<i>Sanguineus</i> Blood red foliage, 6 feet.....oz., 20c.	05
<i>Fine Mixed</i>	05
.....oz., 20c.	
<i>Zanzibariensis</i> Mixed. Very large growing sort, extremely attractive	05
.....oz., 25	
Rocket Sweet Hardy perennial, 2 feet high, white and purple. Mixed.....	05
Salvia (Scarlet Sage). Easily grown, free flowering and extremely showy. <i>Splendens</i> Vivid scarlet, 2 feet.....	10
<i>Bonfire</i> Early flowering, scarlet, 1½ feet.....	15
<i>Patens</i> Blue	15
Salpiglossis Grandiflora Mixed. Very showy annuals with funnel shaped flowers	05



SHIRLEY POPPY

Scabiosa (Morning Bride). Showy border plants with beautiful variegated flowers. Dwarf mixed, 1½ feet.....	05
Tall Mixed, 3½ feet.....	05
Stokesia Cyanea Hardy perennial with lavender cornflower-like blooms	10

Stocks (Ten Weeks)

Stocks German, ten weeks. Splendid for bedding or pot culture, free blooming and covering a wide range of color.

<i>Large Flowering</i> Pure White, Blood Red, Flesh Color, Rose, Canary Yellow, Purple, Laven-der. Finest mixed, each.....	10
<i>Snowflake</i> Dwarf, pure white, splendid for pots	15
<i>Princess Alice</i> (Cut and Come Again). Pure white, perpetual flowering	10
Sweet William Popular old-fashioned plants. <i>Dark Crimson</i>	05
<i>Pure White</i>	05
<i>Scarlet</i>	05
<i>Single Mixed</i>	05
.....oz., 20c.	
<i>Double Mixed</i>	10



STOCKS

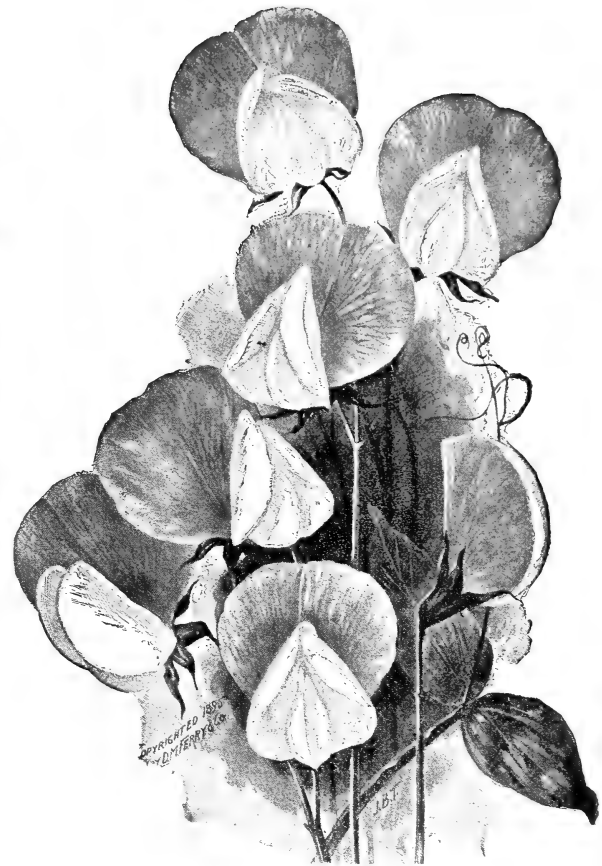
Sweet Peas

Fragrant climbing annuals. Seeds should be sown early in spring to enable the vines to get a good strong growth before the warm weather. Make trenches six inches deep, in which the seed should be sown, covering them two inches. As soon as the plants show through, fill in the trench, which will secure a deep root and allow blooming through the heat of summer. Keep the flowers picked off as fast as they come into full bloom, for if the pods are allowed to form, the plants will stop blooming.

Sweet Pea Collection One package each; fifteen distinct named varieties, 50c. One ounce each fifteen varieties, \$1.00.

PRICE, ALL NAMED VARIETIES, PKT., 5c.; OZ., 10c.; 1-4 LB., 25c.; LB., 75c.; EXCEPT WHERE NOTED

Apple Blossom Crimson pink and white shaded.
Blanche Ferry Extra Early Pink and white.
Countess of Cadogan. Lilac and blue.
Countess of Latham. Cream pink.
Countess of Spencer Giant flowered, bright pink, pkt., 10c.; oz., 25c.; ¼ lb., 75c.
Dorothy Eckford The finest white.
Dainty Pure white edged light pink
Emily Eckford Heliotrope.
Emily Henderson Purest white, early blooming.
Flora Norton Bright blue.
Gladys Unwin New orchid flowered. Pale rose pink. Pkt., 10c.; oz., 20c.
Golden Rose Primrose mottled light pink.
Gorgeous Deep salmon orange; very effective.
Helen Lewis Giant flowered orange. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.
Katherine Tracy Brilliant pink, large flower.
King Edward VII The largest and best scarlet.



SWEET PEAS

	Oz.	¼ lb.	lb.
Fine Mixed Good standard sorts.....	05	15	40
Double Flowering From the finest stock. Only about thirty per cent. will come true from seed	10	25	
Bush Sweet Peas Grow in perfect bush form about 18 inches high. Do not require trellis. Mixed colors.....	15	40	
Dwarf Cupid Sweet Peas A distinct class growing about six inches high, excellent for pots or borders. Mixed colors...	15	40	

Lady Grisil Hamilton Pale lavender blue.
Lord Rosebery Majenta rose.
Lottie Eckford Lavender edged darker blue.
Lovely Shell pink, shading to faint rim at outer ridge.
Miss Willmott Large orange pink.
Modesty White tinted pink.
Mont Blanc The earliest white.
Mrs. Geo. Higginson, Jr. Azure blue.
Othello Dark maroon.
Phenomenal Orchid flowered, white edged lilac 10c.; oz., 25c.; ¼ lb., 75c.
Prima Donna Light, but bright, blush pink.
Prince of Wales Bright rose pink, large size.
Queen Victoria Primrose
Royal Rose Deep rosy pink, large flowers.
Salopian Deep scarlet, rich and glowing.
Stella Morse Cream, flushed pink.
Sue Earle Primrose turning to light mauve.
Venus Salmon buff, faintly shaded with rosy pink.

SWEET PEAS. PINO'S PERFECTION MIXTURE

OUR OWN MIXTURE OF THE LATEST AND MOST APPROVED VARIETIES

Oz. 10c; ¼ lb. 25c; 1 lb. 75c.

	Pkt.
Schizanthus Free blooming annuals, excellent for bedding. Finest mixed	05
Smilax Beautiful climber	05
Thunbergia Mixed Ornamental climbers...	05
Torenia Trailing plants for vases, etc.	
<i>Bailloni</i> Golden Yellow	15
<i>Fournieri</i> Purple	15
Tropæolum <i>Lobbianum</i> Climber, dark foliage, bright colored flowers	05
<i>Canarienses</i> (Canary bird flowers)	05

Verbena

Popular free blooming plants, excellent for garden culture.

<i>Candidissima</i> Pure white	10
<i>Defiance</i> Scarlet	10
<i>Choice</i> Mixed	10
<i>Mammoth</i> Mixed	10
<i>Lemon Scented</i> Scented Leaves	10



Vinca Fine for pots or borders.	
<i>Alba</i> Pure white Rose, rosea; mixed, each..	05
Viola <i>Orдорata</i> (Sweet Violet) Fragrant bedding plant	10
Virginian Stock Hardy annuals for beds and borders	05
Wallflower Favorite sweet scented flower.	
<i>Earliest Paris</i> Flowers first season.....	10
<i>Single Mixed</i>	05
<i>Double Mixed</i>	10

Zinnia

Robust growing annuals, very free blooming.

<i>Tall Double</i> Mixed. Height, 2 feet.....	05
<i>Dwarf Double</i> Mixed. Height, 1½.....	05
<i>Double Dwarf</i> Scarlet, white, orange, purple, salmon rose, sulphur, yellow, each	05
<i>Mammoth Double</i> Mixed. Very large flowering	05
<i>Pompon</i> Mixed. Dwarf, small flowering.....	05
<i>Curled and Crested</i> Petals beautifully curled and twisted	10
<i>Zebra</i> Striped sorts	10

Wild Flower Garden Mixture

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences and on untidy bare spots and which if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt. 10 cents.

Bedding Plants

	Doz.	100
Asters, Double Mixed	30	2 00
Alyssum, Double White	75	6 00
Ageratum, Blue	75	5 00
Begonias	1 50	10 00
Caladium Esculentum	2 50	17 50
Canna, Dwarf Mixed	2 00	12 00
Centaurea <i>Gymnocarpa</i>	50	3 00
Coleus, Assorted	50	3 50
Feverfew	50	4 00
Fuchsias	1 25	10 00
Geranium	1 25	8 00
Heliotrope	1 25	8 00
Hollyhock, each 25c.....	2 50	
June Pinks, 30c.....	3 00	
Lobelia	50	4 00
Marigolds	50	3 00
Nasturtium, Varieties	50	3 00
Pansies, Prize, Finest.....	50	3 00
Petunia, Double	1 25	8 00
Phlox <i>Drummondii</i>	50	3 00
Ricinus	1 50	9 00
Salvia <i>Splendens</i> , Scarlet.....	75	5 00
Stocks, Double Assorted	1 00	7 00
Sweet William	1 50	
Verbenas	50	3 50
Vincas	1 50	9 00
Zinnias	40	2 00

Many other varieties can be furnished.

Ornamental Grasses

Agrostis <i>Nebulosa</i> Hardy annual, fine for Pkt. vases and bouquets	05
Arundo <i>Donax</i> Hardy perennial, sub-tropical plants; ornamental in habit.....	05
Avena <i>Sterilis</i> (Animated Oats). Hardy annual	05
Briza <i>Maxima</i> (Quaking Grass) Hardy annual, pretty for bouquets	05
Bromus <i>Brizæformis</i> Hardy perennial, fine for winter bouquets	05
Coix <i>Lachryma</i> (Job's Tears). Hardy annual	05
Eragrostis <i>Elegans</i> (Love Grass) Hardy annual; very attractive, excellent for bouquets..	05
Erianthus <i>Ravennæ</i> (Plume Grass). Hardy perennial, stately growth	05
Eulalia <i>Japonica</i> Hardy perennial; beautiful tall growing Grass	10
Gynerium <i>Argenteum</i> (Pampas Grass). Tender perennial, bearing beautiful plumes.....	05
Hordeum <i>Jubatum</i> (Squirrel tail Grass). Hardy annual	05
Lagurus <i>Ovatus</i> (Hare's tail Grass). Hardy annual	05
Pennisetum <i>Longistylum</i> Hardy annual, very beautiful	05
Stipa <i>Pennata</i> (Feather Grass). Hardy perennial, very beautiful plumes	05
Zea <i>Japonica</i> Hardy annual, beautiful striped	05

We import large Quantities of FALL BULBS and handle strictly first quality. Our Annual Bulb Catalogue will be issued September 1st. Send for it.

SUMMER FLOWERING BULBS

CALADIUM—Esculentum This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots or for planting on the lawn, or masses in beds. It is of the easiest culture, and will grow in any good garden soil.

Dry Bulbs 10c. each, 75c. per doz.; medium, 15c. each, \$1.25 per doz.; large, 20c. each; \$2.00 per doz.

Caladium—Fancy Leaved Decorative foliage plants for pots. Baskets, tropical bedding, etc. 15c. each; \$1.50 doz.

Calla Spotted leaved. Desirable for outdoor planting. Requires a moist situation. 10c. each; \$1.00 doz.

Crinum Kirkii Enormous lily like flowers, fragrant, white with dark red stripes. 35c. each.

Tuberous Rooted Begonias Begonias are indispensable for shady places in the garden or lawn also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single White, yellow, rose, scarlet, crimson, orange. Price extra fine bulbs, 10c. each; 75c. doz.

Double White, yellow, rose, scarlet, crimson, orange. Price extra fine bulbs, 10c. each; \$1.00 doz.



GLADIOLUS

GLOXINIAS Should be grown in pots in the house or on the veranda, in boxes or little frames outside, and will flower all summer. Their green leaves are surmounted with a cluster of lovely trumpet shaped flowers. The coloring is exquisite; the groundwork of many is pure white, with throats of blue, scarlet, rose or crimson; or the tubes are of bright colors with white throat. The

bulbs should be started in a warm place—greenhouse, hot bed, or sunny window. Early in the fall they should be dried off, letting the leaves die; the pots can be kept over winter in a cellar free from frost. Price, extra strong bulbs, named varieties, 10c. each; doz., \$1.00.

Hyacinthus Candicans (Summer Hyacinth). Excellent for clumps or among shrubbery. 5c. each; 35c. doz.

Madeira Vine A rapid growing vine with fragrant white flowers. 5c. each; 40c. doz.

GLADIOLUS Bulbs planted in open ground in spring produce plants with long rush-like foliage and magnificent flower spike early the following autumn.

Groff's Hybrids A strain of recent introduction and without doubt the most popular strain in cultivation. Awarded certificates of merit by all the leading horticultural societies.

GROFF'S SILVER TROPHY STRAIN Comprising the best of Groff's New Hybrid Seedlings divided in three color selections. Doz. 100

Selection No. 1 Reds, Scarlets and
Crimsons40 3 00

Selection No. 2 White, Light and Yellow60 4 00

Selection No. 3 Rare Blues in Clematis, Lilac and Heliotrope shades.....75 5 00

Groff's Hybrid Seedlings Mixed Many of the sorts are marvelous in size and coloring30 2 00

Childs Mixed Giant flowering.....40 3 00

White and Light Extra quality.....40 3 00

Striped and Variegated.....40 2 50

Red Shades25 1 50

Yellow and Orange1 00 8 00

Pink and Rose20 2 25

Pino's Special Mixture Composed of only fine varieties, comprising an excellent variety of colorings and all strictly first size bulbs. Doz., 25c.; per 200, \$1.75.

LILIUM AURATUM (The Golden-Rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the centre of each petal runs a clear golden band. Flowers measure nearly a foot across. First size bulbs, 20c. each; \$2.00 per dozen.

Elegans, or Thunbergianum Early flowering, ranging in height from 14 inches to 4 feet; flowers cup-shaped, borne upright, and of a great variety of colors. Mixed bulbs, each, 15c.; doz., \$1.25.

Tigrinum Splendens (Improved Tiger Lily). Reddish salmon with dark spots. Each, 10c.; doz., \$1.00.

Tigrinum Flore Pleno (Double Tiger Lily). Each, 10c.; doz., \$1.00.

SPECIOSUM VARIETIES They are hardy, needing very little protection, and will grow and flower without special treatment.

Album This is a pure white and very fragrant variety, with beautifully recurved petals. A very fine sort. Each, 25c.; doz., \$2.50.

Rubrum White ground, with bands and spots of rose or crimson on each petal. One of the best lilies. We have a splendid stock of this very hardy and beautiful kind. Each, 20c.; doz., \$2.00.

TUBEROSES In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no especial preparation is necessary. Place the bulb so the top will be covered about one inch with soil.

Excelsior Pearl Extra fine large flowering bulbs. 5c. each; 35c. per dozen.; \$1.75 per 100. Add 10c. per doz. if sent by mail.

OXALIS These summer flowering bulbs should be planted out early in May, about two inches deep. Mixed colors, 20c. doz.

MONTBRETIAS Hardy, summer flowering, bulbous plants, with brightly colored flowers, borne in long spikes. Varieties, 50c. doz.

CANNAS 10c. each; 75c. per dozen.

Madam Crozy Crimson scarlet, bordered yellow.
Florence Vaughan Golden yellow, spotted crimson.

Alphonse Bouvier Finest tall crimson.

Alsace Sulphur yellow, turning to pure white.

J. D. Eisele Brilliant vermilion scarlet overlaid with orange.

Chas. Henderson. Crimson

Paul Marquant Salmon

Virginia Pink

Shenandoah Best dark leaved.

Ismene Grandiflora Treated same as *Gladiolus*, will flower in 6 to 8 weeks after planting. Very beautiful lily like plant. Extra large bulbs, 20c. each; \$2.00 doz.

Dahlias

SHOW AND FANCY

Bride White tipped with lavender. Fine.

Dr. J. P. Kirtland Velvety crimson. Very large.

Hercules Yellow striped crimson

Frank Smith Dark maroon, tipped pink.

John Walker Pure White. Very large.

Mrs. Gladstone Delicate soft pink.

Mrs. Stancombe Straw, suffused red, tipped white, and 50 other named varieties, 15c. each; \$1.50 per doz.

DECORATIVE VARIETIES

Catherine Duer Crimson

Octopus White ground flaked lavender. Large.

Mrs. Charles Turner Canary. Very large and free.

Mrs. Winters Pure waxy white. Large. 15c. each; \$1.50 per doz.

CACTUS VARIETIES

Countess of Lonsdale Salmon. Very free flowering.

Flamingo Scarlet flame. Very free flowering.

Floradora Wine crimson. Very free flowering.

Gabriel Crimson tipped white.

Galliard Crimson scarlet.

J. H. Jackson Dark maroon, almost black.

Lord Roberts Pure white, excellent form.

Mrs. E. Mawley Canary, excellent form.

Vesta. Rosy pink, very fine.

Sandpiper Scarlet shaded orange.

Lord Brassy. Rose flushed violet.

Kriemhilde White centre shading to pink, and twenty other fine varieties, 20c. each; \$2.00 doz.

Hardy Herbaceous Perennials

Each

Achillea The Pearl White Double flowers, produced all summer; 1½ ft., excellent for cutting. Doz., \$1.50 15

Aconitum Napellus (Monkshood). Showy spikes of blue and white; 4ft. Doz., \$1.50.... 15

Aquilegia An assortment. Finest mixed. Many fine sorts. Doz., \$1.50..... 15

Asclepias Tuberosa Excellent for borders and groups among shrubs; flowers orange-red; August and September; 2 ft. Doz., \$1.50.... 15

Astilbe or Spiræa Japonica Pure white flowers in erect feathery panicles; June and July; 2 ft. Doz., \$1.00; 100, \$5.00 15

Campanula Persicifolia Moerheimii Spikes of double white flowers like miniature Camellias; July to Sept.; 1½ ft. Doz., \$5.00..... 50

Chrysanthemum These hardy sorts begin to bloom in August and continue until frost. They are valuable for cut flowers. Height 2 ft., assorted. Doz., \$1.50..... 15

Each

Coreopsis Grandiflora The largest and finest perennial sort; flowers golden yellow; July to October; 18 inches. Doz., \$2.00..... 20

Dielytra Spectabilis (Bleeding Heart). Long racemes of pink and white, heart-shaped flowers; May and June; 2 ft. 25 and 50

Delphinium (Larkspur). Very ornamental plants, producing tall flower-spikes of great value to cut for vases. They commence to bloom in July and if not allowed to seed will continue until frost. Height, 3 ft. Doz., \$2.50 25

Dianthus Barbatus (Sweet William). Makes a fine display in the garden. Flowers perfectly double; richness and variety of coloring; beautifully marked; mixed 25

Digitalis Alba (White Foxglove). Doz., \$1.50 15

Purpurea—Rosy purple. Doz., \$1.50..... 15

Eulalia Japonica Variegata A hardy perennial from Japan, with long, narrow leaves, striped with green and white..... 25

Eulalia Japonica Zebrina (Zebra Grass). Distinctly marked with broad yellow bands. It grows from five to seven feet in height, forming a striking and graceful plant, entirely hardy 25

Funkia Variegata. Dozen \$2.00..... 20

Gaillardia Grandiflora Magnificent hardy plants with large crimson and yellow flowers, blooms from July until frost. Doz., \$1.50... 15

Gypsophila Paniculata (Baby's Breath). Light and graceful, pure white flowers, excellent for bouquets, 1½ ft. Doz., \$2.50..... 25

Gypsophila Stepheni Flowers larger, two weeks earlier than above. Doz., \$2.50..... 25

Helianthus Mollis Golden yellow flowers, July to Oct.; 3 ft. Doz., \$1.00..... 10

Hemerocallis Flava (Yellow Day Lily). Fragrant. Doz., \$2.50 25

Hibiscus Moscheutos (Swamp Rose Mallow). Rose colored flowers, resembling single Hollyhocks, but much larger; July to Sept.; 5 ft. Doz., \$1.00..... 20

Albus (White Swamp Mallow)..... 20

Crimson Eye White, eye crimson..... 20

Hollyhock Double Choicest English. Finest mixed. Doz., \$2.00 20

Iris Kaempferii (Japan Iris). Finest of all the Iris family. The flowers are of immense size, from six to eight inches in diameter. The Iris thrives best if planted in a moist soil; if this cannot be had, should be plentifully supplied with water while growing and flowering. We can supply twenty distinct varieties..... 15

German Iris (The True Fleur-de-Lis). These flourish either in ordinary soil or in moist situations. They are perfectly hardy and as handsome as Orchids. Colors of the widest range. 10c. each.

Lathyrus Latifolius (Perennial Pea). Hardy climbing Pea. Blooming from spring until fall. May be trained to climb trellis, wall or rockery. 20c.

Peonies Fine hardy plants making an excellent display when well established in clumps on the lawn, and require very little care, as they will grow and do well in any soil, but the flowers will be larger and the color brighter if given a rich deep loam. 15c. each, \$1.00 per doz.; Large roots, 35c. each, \$3.50 per doz.

Pyrethrum Hybridum Single varieties Flowers resembling Single Asters, varying in color from pure white to deep crimson. July until frost; 1 ft. Doz., \$2.50 25

Platycodon or Wahlenbergia (Chinese Bell Flower). Showy, erect spikes, excellent for cutting. July to Sept.; 2 ft.

Grandiflora Fl. Pl. Double blue... Doz., \$2.00 20

Alba Double white. Doz., \$2.00..... 20

Mariesi Violet, bell shaped flowers, 3 inches in diameter. 18 in. Doz., \$1.50..... 15

	Each
Rudbeckia (Golden Glow). Golden Yellow flowers resembling <i>Chrysanthemums</i> . Aug. Sept.; 4 ft. Doz., \$1.25	15
Spiraea Palmata Feathery panicles of carmine flowers. June to August; 3 ft. Doz., \$1.25	15
Tritoma Uvaria Grandiflora Large spikes of brilliant red and yellow flowers. Aug. to Oct.; 3 ft. Doz., \$2.50	25
Trollius Japonicus Fl. Pl. (Giant Double Buttercup). Beautiful deep yellow globular flowers. May to July; 15 in. Doz., \$2.50.....	25
STATICE LATIFOLIA <i>Sea Lavender</i> .	

Grows 15 to 18 inches high with tufts or clumps of thick, leathery foliage and immense panicles of delicate blue flowers. Will last for months as house decoration if carefully dried. 25c.

Hardy Phlox

15 cents each; \$1.50 per doz.

Coquelicot Orange scarlet, crimson centre.	
Epopee Violet, bright fiery centre.	
Fernand Cortez Deep crimson dark centre.	
Gen. Chanzy Bright pink, tinted salmon.	
Hector Fine pink.	
Independence Large pure white.	
Jules Jouy Lilac rose, white centre.	
La Candeur Pure white, dwarf.	
Le Mahdi Deep velvety purple.	
Mme. P. Langier Bright red, vermillion centre. \$50 per 1000.	
Montagnard Dark crimson, dark centre.	
Premier Ministre Rosy white, deep rose centre.	
Queen Pure white.	
R. P. Struthers Pinkish salmon, Crimson eye.	
Terre Neuve Grayish lilac, violet centre.	
White Swan Large, pure white.	

Hardy Roses

Strong plants, each 25c.; doz., \$2.50.

Alfred Colomb Brilliant carmine crimson; large.	
Anna de Diesbach Clear bright rose.	
Baron de Bonstettin Velvety blackish crimson.	
Baroness Rothschild Pale flesh pink, very fine.	
Capt. Hayward Bright crimson.	
Duke of Edinburgh Vermillion.	
Fisher Holmes Rich velvety crimson.	
General Jacqueminot Brilliant scarlet crimson.	
John Hopper Brilliant rosy crimson.	
Jules Margottin Bright cherry.	
La France Bright lilac rose; centre silvery white.	
Mabel Morrison White faintly flushed with pink.	
Madame Gabriel Luizet Fine satiny rose.	
Magna Charta Bright pink suffused with carmine.	
Margaret Dickson White, pale flesh centre.	
Merveille de Lyon White, centre blush.	
Mrs. John Laing Soft pink, superb flower.	
Paul Neyron Deep rose, very large.	
Prince Camille de Rohan Velvety crimson.	
Ulrich Brunner Cherry crimson.	

PERPETUAL BLOOMING ROSES

Maman Cochet Pink. 50c. to \$1.00.	
“ “ White. 50c. to \$1.00.	
Baby Rambler 35c. to 50c.	
Baby Dorothy Perkins 50c.	
Kaiserine Augusta 35c. to 50c.	

HARDY CLIMBING ROSES

Crimson Rambler The blossoms are borne in immense clusters, brilliant crimson color. Flowering plants, each, 35c.; per doz., \$3.50. Large plants, each, 50c.; per doz., \$5.00.	
Baltimore Belle White; large; double. Each, 50c.	
Gem of the Prairies Crimson; fragrant. Each, 50c.	
Multiflora, or Seven Sisters White. Each, 50c.	
Queen of the Prairies Bright red; globular. Each, 50c.	
Dorothy Perkins The finest pink running rose in existence. 50c. each.	

TRAILING ROSE

Wichuriana Trailing Japanese species, valuable as a covering for banks. Leaves small and shining; flowers white. Each, 25c.; per doz., \$2.50.
Manda's Triumph 50c.

RUGOSA ROSES

These Japanese Roses grow in compact bushes, having glossy foliage and large fragrant flowers. The large red seed pods are attractive in autumn. Each, 35c.; doz., \$4.00.

Rugosa Alba Large, single, pure white flowers.	
“ Rubra Single, beautiful rosy crimson.	
“ Rubra Flora Plena Double, rosy crimson.	

Hardy Ornamental Shrubs

	Each
Althea Purple, red or white, September..	50
<i>Variegated Foliaged</i> Beautiful	50
Azalea Mollis Large, showy and fragrant	1 00
Calycanthus Floridus (Spice Bush) Brown flowers; very fragrant. June to September.	50
Chionanthus Virginicus (Fringe Tree) White. June	50
Clethra, Alnifolia (Sweet Pepper Bush) White, intensely fragrant, very fine.....	35
Cornus Florida (Dogwood) Large, open, white flowers. May	50
<i>Sanguinea</i> (Red Osier). Bark deep red....	1 00
<i>Siberica</i> (Siberian Scarlet Dogwood). Bark scarlet	25
<i>Stolonifera</i> (Red-twigged Dogwood)	50
Desmodium Penduliflorum (Sweet Pea Shrub). Red and violet pea-shaped flowers. Autumn	35
Duetzia Crenata Alba Pleno Double white very beautiful. June	35
<i>Rosea Plena</i> Double Pink. June	35
<i>Gracilis</i> White; very free; dwarf. June...	35
Euonymus Americanus (Strawberry Bush) Bears crimson fruit. June	35
<i>Atropurpureus</i> (Burning Bush). Purple; in clusters. June	50
Exochorda Grandiflora (Pearl Bush) One of the finest shrubs, with numerous loose clusters of pure white, starry flowers. May..	50
Forsythia Fortunei Upright growing; golden yellow. May	35
<i>Suspensa</i> (Weeping Golden Bell) Yellow, drooping flowers. April	35
Hawthorn Double Scarlet or Double White..	1 25
Hydrangea, Paniculata Grandiflora The showiest of all autumn shrubs, bearing immense heads of creamy white flowers. August, September and October.	
Flowering plants, 2 years old..Doz., \$3.50	35
Extra large plants, 3 years old...Doz., 5.00	50
Lilac, Common Purple (Syringa) Very fragrant. May. Doz., \$2.50.....	25
<i>Common White</i> Fragrant. May	25
Extra large plants, 3 to 5 feet. Doz., \$5.00.	50
<i>Persian</i> Purple; very fine.....	50
<i>Charles X</i> Reddish purple; trusses large..	50
Lonicera Tartarica (Bush Honeysuckle) Pink, sweet scented. May	35
Magnolia Atropurpurea (Chinese Purple Magnolia) May	1 00 to 2 00
<i>Conspicua</i> (Chinese White Magnolia), Large white flowers	1 00 to 2 00
Mountain Laurel (<i>Kalmia Latifolia</i>) Glossy green shining foliage, rosy, beautiful. Doz., \$5.00	50
Prunus Pissardi (Purple Leaved Plum) Beautiful	50
<i>Triloba</i> (Double Flowering Plum) Double pink flowers. May	50
Ribes Floridum (Flowering Currant) White	35
Sambucus Aurea (Golden Elder) Broad, golden yellow leaves	50

- RHODODENDRONS, Hardest Hybrids** These plants are of hard, stocky growth and well set with flower buds. Fine Plants, Each, \$1.00; doz., \$12.00; Larger Plants, Each, \$2.00; doz., \$24.00. Each
- Spiraea Callosa Alba** white flowers; May... 35
Anthony Waterer Brilliant rosy carmine flowers in dense clusters. Two sizes 50
Opulifolia White flowers in clusters; May... 35
Prunifolia Flore Pleno (Bridal Veil) Double white; very free; May 35
Van Houttei One of the finest shrubs; pendulous; pure white flowers in clusters..... 35
- Syringa, Golden Philadelphia aurea** Foliage golden yellow; fine; June 50
Lemoinei Small white, fragrant flowers; June 35
- Syringa, Sweet-Scented Philadelphia Coronarius** (Mock Orange) White, fragrant, orange-like flowers; June 35
- Symphoricarpus Racemosus** (Snowberry) Flowers pink with pure white berries in the fall; July 25
- Viburnum Opulus** (Snowball)
Tomentosum (Japan Snowball) Large pure white flowers; beautiful foliage 50
- Weigelia Rosea** Large rose flowers; June.... 35
Variegata Pink, foliage variegated; June... 35
- Yucca Filamentosa** (Adam's Needle) White; stately 35

Hedge Plants Doz. 100

- Arbor Vitæ** Transplanted; 1½ to 2 feet 2 00 10 00
Barberry, Common 1½ to 2 feet..... 1 50 10 00
Thunberg's 18 inches 2 25 15 00
Hemlock Spruce 2 to 3 feet..... 7 50 55 00
Lilac, Common 1 50 10 00
Privet, California 1 to 1½ feet..... 1 00 6 00
Privet, California 2 to 2½ feet..... 1 50 10 00

Hardy Conifers Each

- Arbor Vitæ, Compacta** Light green, 2 feet.. 1 00
Golden Foliage 15 to 18 inches..... 1 00
Globosa Round and dense 2 feet..... 1 00
- Fir Balsam, Normaz's Silver** 1½ to 2 feet.. 1 50
Juniper, Spreading Golden Foliage 1 to 3½ ft. 1 00
Pine, Austrian (Black Pine) 3 to 4 feet.... 1 00
Scotch Suitable for exposed coast land, 3 to 4 feet 1 00
White Strobus 3 to 4 feet..... 1 00
- Retinospora Filifera** Slender shoots gracefully drooping, 2½ to 3 feet..... 1 50
Juniper Hibernica 75 to 1 50
Retinospora Pisifera 2½ to 3 feet..... 1 50
Aurea 2 to 2½ feet..... 1 50
Plumosa 3 feet 1 00
Aurea 2½ to 3 feet..... 2 00
Obtusa 2½ to 3 feet..... 1 25
Squarrosa Glauca 2½ to 3 feet..... 1 75
- Spruce, Colorado Blue Picea Pungens Glauca**
 One of the most striking Evergreen trees, 1½ ft 2 50
Concolor Long bluish foliage. 2 feet..... 3 00
Hemlock 3 to 4 feet 1 50
Norway 3 to 4 feet 1 00
Norway 1½ to 2 feet..... 35
White 3 feet 1 00

Hardy Climbing Plants

- Ampelopsis Veitchii** (Japanese Woodbine) Known as Boston Ivy; the beautiful hardy climber, conspicuously attractive on our finest streets and buildings. Each, 25c.; doz., \$2.50. Extra size, each, 35c.; doz., \$3.50.
Quinquefolia (Virginia Creeper) Each, 25c.
- Aristolochia Siphon** (Dutchman's Pipe) Very large foliage and curiously shaped flowers. Two sizes. Each, 50c. and \$1.00.
- Bignonia, or Trumpet Flower** Handsome, large scarlet flowers. Two sizes. Each, 50c.
- Honeysuckle, Japan Variegated** Leaves yellow and green. Each, 35c.; doz., \$3.00.

Belgian Very sweet; red and buff flowers. Each, 30c.; doz., \$3.00.

Hall's Japan or Halliana From Japan; white, fragrant and fine. Each, 25c.; doz., \$2.50.

Trumpet Monthly blooming; scarlet flowers. Each, 35c.; doz., \$3.50.

Wistaria, Chinese Purple The finest of climbing plants; purple flowers. Each, 50c. to \$1.00.

Chinese White Similar, but with white flowers.

Each, 50c. to \$1.00.

English Ivy 2 years, 25c.

Myrtle 15c. each; \$1.50 doz.

Clematis

A most beautiful class of hardy, free-flowering climbers. Plants of our importation, strong and finely rooted.

Paniculata This lovely white variety, with its thousands of fleecy, small, star-like flowers, is one of the finest climbing plants known. It bears so profusely and in such dense but airy clusters that the whole plant appears as one mass of bloom, with dark shining foliage enough only to give effect to its beauty. It is deliciously fragrant, is a very rapid climber, flowers freely the first year, and is perfectly hardy. Flowering plants, each, 25c.; doz., \$2.50. Extra large plants, each, 50c.; doz., \$5.00.

Jackmanni One of the best; fine, rich purple, 75c.

Miss Bateman Pure white; creamy band down each petal, 75c.

Ornamental and Shade Trees

- Each
- Ash, Mountain** \$2 00
Beech, Purple 3 to 4 ft..... 2 50
Birch, Purple Leaved Weeping 3 50
White 1 00
Cut Leaf Weeping..... \$1 50 to 2 50
- Catalpa Bungei** 1 50 to 3 50
Elm, American 6 to 7 ft. Each 75c.; 8 to 9 ft. 1 25
English 6 to 7 ft..... 1 00
- Ginkgo Salisburia Adiantifolia** 8 to 10 ft. 1 00 to 1 50
 1 50 to 2 50
Horse Chestnut 6 to 10 ft..... 1 50 to 2 50
Sweet Chestnut American 8 to 12 ft. 1 50 to 2 75
Larch, European 3 to 4 ft..... 50
Linden, American 6 to 8 ft..... 1 00
European 6 to 7 ft..... 1 50
- Maple, Norway** 9 to 10 feet..... 1 00 to 1 50
Silver 9 to 10 feet..... 1 00 to 1 50
Sugar 10 to 12 feet..... 1 00 to 2 00
- Japan Acer Polymorphium Atropurpureum**
 The most beautiful dwarf hardy tree in existence; foliage coppery red, 2½ feet. Each, \$1.00; 2 feet 1 50
Wier's Cut-Leaf 8 to 9 feet..... 1 00 to 1 50
- Poplar Bolleana** 8 to 9 feet..... 1 00
Lombardy 10 to 12 feet..... 75 to 1 00
Extra Size Shade Trees. Prices on application.

Fruit Trees

APPLES

Price, 4-6 feet, 25c. each; \$2.50 doz. 6-8 feet, 50c. each; \$5.00 doz.

Summer Apples Early Harvest, Red Astrachan, Sweet Bough, William's Favorite.

Autumn Apples Alexander, Gravenstein, Maiden's Porter.

Winter Apples Baldwin, Golden Russet, Hubbardson Nonesuch, Ladies' Sweet, Northern Spy, Rhode Island Greening, Talman Sweet.

PEARS

2-3 years, \$1.00 each; \$10.00 doz. Larger Trees, \$1.50 and upwards.

Summer Pears Bartlett, Clapp's Favorite, Wilder Early.

Autumn Pears Belle Lucrative, Hardy Buffum, Louise Bonne de Jersey, Seckel, Sheldon.

Winter Pears Claireau, Dana's Hovey, Duchesse Lawrence, Winter Nellis.

FRUIT TREES—Continued**CHERRIES**

Price, 2-3 years, \$1.00 each. Large Trees, \$1.50 and upwards.

Black Tartarian, Black Eagle, Black Heart, Coe's Transparent, Early Richmond, Governor Wood, May Duke, Rockport Bigarreau.

PEACHES

Price, 25c. each. \$2.00 doz.

Coolidge's Favorite, Crawford's Early, Crawford's

Late, Mt. Rose, Foster, George IV., Old Mixon, Free, Rare-Ripe, Stump the World.

PLUMS

Price, 2-3 years, 75c. each; \$7.50 doz. Larger Trees, \$1.00 and upwards.

Bradshaw, Cole's Golden Drop, General Hand, Imperial Gage, Jefferson, Lawrence's Favorite, Lombard, Washington.

QUINCE

Orange or Champion, 75c. each.

SMALL FRUITS**CURRANTS**

\$1.00 per dozen.

Black Naples, Cherry Red, Versailles, Victoria, White Grape, Fay's Prolific—Largest and finest red variety; very prolific.

BLACKBERRIES

\$1.00 per doz. \$6.00 per 100.

Agawam, Dorchester, Kittatiny, Snyder, Wachusett, Wilson's Early.

GRAPES, HARDY VARIETIES

2-3 years, 35 cents each. \$3.00 per dozen.

Concord, Delaware, Hartford, Moore's Early, Niagara, Salem, Wilder, Worden, Campbell's Early Green Mountain.

GOOSEBERRIES.

\$2.00 per dozen.

Downing, Houghton, Smith, Industry—Dark red, very large and productive; Joslyn, the largest sort.

RASPBERRIES

\$1.00 per dozen.

King Cuthbert, Golden Queen, Gregg, Marlboro, Souhegan.

STRAWBERRIES

\$1.00 per dozen.

Beder Wood (S), Bubach No. 5 (P), Clyde (S), Gaudy Prize (S), Glen Mary (S), Haverland (P), Jessie (S), Marshall (S), Nick Ohmer (S), Sample (P).

FERTILIZERS

Sheep Manure Pulverized This is a pure natural manure, and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden, placed directly in hills or drills, it promotes a rapid and steady growth. It makes the richest, safest and quickest liquid manure. One pound to five gallons of water; 2 lb. package, 15c.; 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Unleached Hardwood Ashes As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Clean, free from offensive odor, and can be applied by any one. They are exceedingly valuable for lawns, imparting a rich, dark shade of green and destroying many of the insects which are so injurious. Price, 100 lbs., \$1.25.

Mitchell's Special High Grade Fertilizer Contains all the necessary elements of plant food, in the most obtainable form to meet the wants of all plants in all periods of their growth. Guaranteed to contain ammonia, $4\frac{1}{2}$ per cent.; phosphoric acid, 9 to 11 per cent.; actual potash, 6 to 7 per cent. Per 100 lbs., \$2.25; 50 lbs., \$1.35.

Land Plaster Used for preventing bugs from destroying cucumber, melon and squash vines. Price, package, 25c.; per bag, 90c.

Bowker's Food for Flowers A dressing made expressly for plants grown in the house, garden or conservatory. Clean, odorless, and producing early and abundant blossoms, and healthy, luxuriant plants. Small packages, enough for thirty plants for three months, 15c. each. Large package, 25c.

Bowker's Lawn and Garden Dressing Prepared from chemicals free from weed seed, clean, to handle and easily applied. Per 100 lbs., \$3.00; 25 lbs., \$1.00; 10 lbs., 50c.; pkg., 10c.

Bonora A complete plant food, immediately soluble and applied directly to the root of all plants, giving a healthy, lasting growth. 1 lb. package, 50c.

Pure Ground Bone Meal This finely pulverized ground bone is excellent for rose culture, top dressing for lawns and for potted plants; 5 lb. package, 20c.; 10 lbs., 35c.; 50 lbs., \$1.00; 100 lbs., \$1.75.

Nitrate of Soda This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., \$3.50.

**INSECTICIDES**

Ant Destroyer A non-poisonous powder which sprinkled around their haunts will drive black ants from lawn, etc. Pkg., 50c.

Arsenate of Lead A poison rapidly taking the place of Paris Green. Adheres well to the foliage and will not burn the tender leaves. Lb., 20c.; 5 lbs., 95c.; 10 lbs., \$1.80.

Aphis Punk A special preparation of nicotine, for the extermination of green and black fly, thrip, etc. Not injurious to delicate plants. Per package, 12 rolls, 60c.

Bordeaux Mixture For all fungoid diseases, such as mildew and various rots of grapes, etc. Prepare by adding one gallon of mixture to 49 gallons of water. 1 gal. can, \$1.00; 1 qt., 40c.

Bug Death A non-poisonous powder that takes the place of Paris Green and other dangerous insect powders. When used as directed it is sure death to potato, squash and cucumber bugs, currant and tomato worms, etc. It is applied dry and will not blow or wash off. 1 lb., 15c.; 3 lbs., 35c.; 5 lbs., 50c.; $12\frac{1}{2}$ lbs., \$1.00.

INSECTICIDES—Continued

California Wash (Lime, Sulphur and Salt) This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San Jose's scale, oyster shell scale, etc. Apply fall and spring while leaves are off. One application is not sufficient, as many of the scales get under the rough bark and are difficult to reach. Ready for use by adding 16 to 20 gallons water to each gallon of mixture. 1 gallon, \$1.00.

Climax Lawn Sand when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. $3\frac{1}{2}$ lb. can, 60c.; 7 lb. can, \$1.00.

Death to Lice (Lambert's) An effective remedy for all kinds of poultry vermin. Package, 25 and 50 cents.

Fir Tree Oil One of the most reliable for red spider, green fly, mealy bug, caterpillars, slugs, blight, etc. Dilute with water and apply with ordinary syringe or bellows, or by dipping the plants. Per pt., 75c.; qt., \$1.15; gal., \$4.00.

Grape Dust A preparation to kill the destructive mildew that strikes the grape vine; also for like use upon any other plants or trees affected with mold, mildew, or rust mites, either in greenhouses or the open air. 5 lb. packet, 30c.

Hellebore Powdered White Hellebore for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{2}$ lb., 15c.; 1 lb., 25c.

Kerosene Emulsion For aphids on all plants. Ready for use by simply adding water. Quart, 40c.; gallon cans, \$1.00.

Nikoteen Is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. Bottle, \$1.50.

Paris Green Superior quality. Lb., 35c.

Persian Insect Powder Effective against almost all kinds of insects. $\frac{1}{2}$ lb., 25c.; 1 lb., 40c.

Scalecide The latest and best spray for San Jose scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. One gallon of Scalecide to 20 gallons of water sprayed on your trees and bushes will kill every scale that it reaches without injury to tree or fruit bud if applied in late fall, winter or early spring while the foliage is off. Price, qt., 40c.; 1 gallon can, \$1.00; 10 gallon can, \$6.00; 50 gallon barrel, \$25.00.



Slug Shot Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally, without the danger from poison. Price, 5 lb. package, 25c.

Sulphur, Flowers of. A staple preventive for mildew on grapes, roses, etc. Lb., 10c.; 10 lbs., 50c.

Tobacco Soap Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in gallon of water. Pkt., 20c.

Tobacco Dust If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off earth insects, and acts as a fertilizer. Per lb., 10c.; 2 lbs., 15c.; 5 lbs., 30c.; 100 lbs., \$3.50.

Tobacco Stems for Fumigating Price on application.

Whale Oil Soap Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 15c.

POULTRY SUPPLIES

CONKEY'S ROUP CURE

A guaranteed remedy for all forms of roup. Directions in each package. Price per package, 50c.

PORCELAIN NEST EGGS Price, 3c. each; doz., 25c.

WYANDOTTE FOOD FOR YOUNG CHICKS

A safe and nourishing food for chicks just out of the shell, and one that can be depended upon to carry them right along until fully matured. This food is given dry, though plenty of pure water should always be on hand for the little fellows to drink. Wet or even moist foods are highly objectionable and altogether unnatural to all gallinaceous birds and they should never be employed except in the process of fattening for the market. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

PRATT'S POULTRY FOOD

A cure and preventive of chicken-cholera, roup, gapes and other diseases. Molting fowls when fed Pratt's Poultry Food will lay sooner and will increase the quantity of eggs. Price, 26 oz. package, 25c.; 5 lb. package, 60c.; 12 lb. bag, \$1.25.

SHERIDAN'S CONDITION POWDER

Prevents and cures diseases of hens. It is strictly a medicine to be given in small doses once daily in their food. Price per package, 25c.; large pkg., 80c.

DEATH TO LICE OINTMENT

Used for head lice on chickens. 1 oz. pkg., 10c.

CHARCOAL (Granulated) Aids digestion and corrects many of the poultry ills; pkg., 15c.; 10 lbs., 40c.

MICA CRYSTAL GRIT

For Chickens, Geese, Turkeys, Pigeons and Birds. It makes thorough digestion of food possible. Two grades for Chicks and Poultry. Price per package, 10c.; 100 lb. bag, 65c.

GROUND OYSTER SHELLS

Furnishes one of the best sources for Shell-making material. Thoroughly washed and dried. Price per package, 10c.; 100 lb. bag, 65c.

ROUP PILLS

For roup, swell head, and canker in fowls. Directions on each box. Price per box of 50 pills, 25c.

EGG TESTERS

Made of Tin; will fit any small lamp. Each, 35c.

POULTRY MARKERS Made in two sizes. Each, 25c.

DRINKING FOUNTAINS

Sanitary, square, galvanized, in two parts, easily cleaned and filled. Price, 1 gallon, 50c.; 2 gallon, 85c.

SANITARY EARTHENWARE

In two parts, large drinking surface. Price, 2 pts., 25c.; 3 pts., 30c.; 4 pts., 35c. each.

SANITARY FEED BOX

Made of galvanized iron, with three spaces, 50c.

LEG BANDS Aluminum. Per doz., 15c.

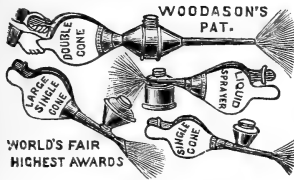
INSECT POWDER BELLOWS

Each, \$1.00 and \$2.00.

INSECT POWDER GUN

Useful in dusting hens with powder. Each, 10c. and 20c.

GARDEN TOOLS AND REQUISITES



Bellows Woodason's Powder. For Hellebore, Tobacco Dust, etc. Each, \$1.00 and \$2.00.

Bellows Sulphur. Used only for Sulphur, \$1.50.

Baskets Verbena. Adjustable. Wooden handles with tin fastenings on the ends. Small size, 10 x 5, 3 inches deep, \$2.00 per 100.

Dibbles Used in transplanting cabbages, etc. Steel points, 35c. each.

Forks Digging or spading, 75c. each. Hay or stable, 35c. to 75c. each. Manure, long or short handles, 50c. to \$1.00.

Hoes Draw, with handles, 40c. and 45c. each. Hoes, Scuffle or Dutch, 40c. to 65c. each. Plympton, 60c. Warren, 60c.

Hose Rubber. Excellent quality, in 25 and 50 foot lengths; ½ in., 13c. per foot; ¾ in., 14c. per foot.

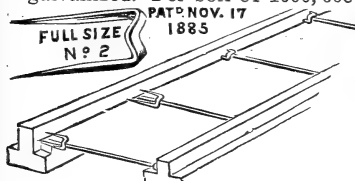
Hose Extra quality, recommended for greenhouse use; ½ inch, 17c. per foot; ¾ inch., 18c. per foot.

Fumigators Eureka. For smoking greenhouses with dampened tobacco stems. No. 2 holds one peck of stems, \$2.00. No. 3 holds ½ bushel stems, \$2.50. No. 4 holds ¾ bushel of stems, \$3.25.

Garden Lines Hemp, braided, 100 feet, 50c.

Reels For above, 50c. each.

Glazier Points. Van Reyepers The only durable and reliable points. Made of steel wire and galvanized. Per box of 1000, 60c.



GLAZIER POINTS

Grass Hooks (Sickles) English, each 50c. and 60c.

Tennent Atomizer With mixer. The newest and best spraying device on the market, for greenhouse use, trees, shrubbery, vines, henhouses, etc.



The spraying tubes are so arranged that it will spray overhead, which no other hand sprayer will do. 85c. each.

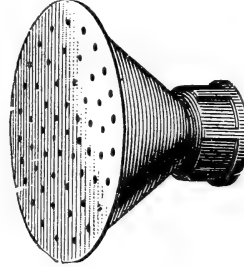
Hose Couplings Set, 20c.

Hot Bed Mats Palmer's. Wool filled, frost proof. Made expressly for winter covering of hot beds, cold frames, plants, etc. Price, burlap covering, 76 in. x 76 in., \$1.25 each; waterproof duck, one side, \$2.00.

Knives Budding and Pruning, 60c. to \$1.00. Asparagus. For cutting asparagus under the surface, 45c. each.

Edging Knife Handled, 60c.

Lawn Rakes Wooden, best quality, 50c. each.



ROSE SPRAY

to adjust them. For ½ inch or ¾ inch hose, dozen, 75c.. 1 inch, 85c. doz.

Lawn Sprinklers Peck's Improved. Standard, 4 feet high, arms revolve, scattering a fine spray evenly over a space 50 feet in diameter, 4 arm sprinkler, \$3.00; 8 arm sprinkler, \$3.50.

Lawn Sprinkler Water Witch, No. 3, 75c. each; No. 4, \$1.20 each.

Tremlow's Old English Glazing Putty For bedding glass in sash or for filling cracks or seams in roof joints or frames of greenhouses or hot beds. When once set on dry wood it does not heave. Gal- lon, \$1.25.

Mastica Glazing Machine Each, \$1.25.

Pruners Water's Tree. This pruner never fails to cut the slightest twig. It is the cheapest and most practical pruner on the market. 6 ft., 75c.; 8 ft., 85c.; 10 ft., \$1.00; 12 ft., \$1.10.

Pruners Telegraph, without handles. \$1.25 each.

Pumps Perfect Success Bucket Spray. The best and most durable portable hand pump. It has large air chamber, double acting, throwing continuous stream either solid or in fine spray, \$4.35



Pump Simplex Barrel Sprayer. A large air chamber insures a constant stream; mechanical agitator keeps liquid stirred. Brass working parts. Price, pump only, with Y connection, \$7.80.

Rollers The benefit derived from the use of a roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if the sod is not firmly pressed back with a roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots. The Rollers we offer are made of first-class material, outer edges being beveled to prevent cutting sod, and face of roller is turned perfectly smooth.

	Dia.	Face	Sec.	Weight	Price
No. 1	15	15	2	150 lbs.	\$ 8 50
" 2	15	22	3	200 "	11 25
" 3	20	20	2	250 "	13 00
" 4	20	24	3	300 "	16 50

Shears Hedge, 8 inch, \$1.10; 9 inch \$1.30; 10 inch., \$1.50; with notch, 25c. extra.

Shears Hand pruning. French, \$1.25 to \$1.75 each. German, \$1.00 each.

Shears Sheep. Used for trimming grass borders, 40c. to \$1.00.

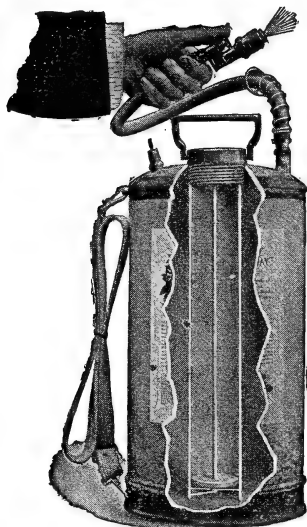
Shovels Ames' square and round pointed, long or short handles, \$1.15. Shovel, steel, 75c. each.

Spades Steel, 75c. to \$1.15.

Sprayers Matchless. 50c. each.

GARDEN TOOLS AND REQUISITES—Continued

Rochester Self Operating Sprayer This is an improvement over most portable sprayers. Galvanized steel body, brass air pump fitted with "Kant Clog" Nozzle with spring "shut-off." \$5.00.



ROCHESTER SPRAYER

Raffia The best material for tying plants, soft, strong and pliable. Per lb., 20c.

Scythes Cast Steel, best quality, \$1.00 to \$1.50.

Scythe Stones Talacre, oval, 20 cents each.

Shears Grass border, English, 9 in., \$2.50; 10 in., \$2.75.

Rakes, Garden Steel, 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth, 55c.

Sprayers Woodason Bellows For the application of all liquid insecticides. \$1.25.

Sprinkler Scollay's Rubber. For florists' use and window gardening. 90c. each.

Sprinkler Angle-neck. For spraying under leaves. 90c. each.



Syringes Brass. Various sizes, \$2.50 to \$6.50.

Silkline or Smilax Thread Used in floral work and for stringing smilax, 2 oz. spool, 25c.

Thermometers Tested and guaranteed. Japped Tinned Case, 7 inch, 50c.; 8 inch, 60c.; 10 inch, 70c. each.

Thermometers Parlor, Wood Case, Oak or Black Walnut, 75c. each.

Thermometers Incubator. Various patterns, 50c. each.

Thermometers Hot Bed and Mushroom Bed. Boxwood, brass tip, made for plunging, \$1.75 each.

Tree Scraper Hardwood Handle, 50c. each.

Tree Guards Flat Iron, very attractive, \$1.75 and \$2.00.

Trowels Garden Forged steel 6 in., 35c.; 7 in., 40c.

" " Common steel blade, 10c. ea.

" " Solid steel, 6 inch, 25c. each.

" " Cleves' Angle. For transplanting, digging weeds in lawns, 25c. each.

Tomato Supports Hard wood, well made; 15c. each; \$1.50 doz.

Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering. 6-quart, \$2; 8-quart, \$2.25; 10-quart, \$2.50; 12-quart, \$2.75.

Watering Pot, French Pattern Same as above in quality, oval in shape, with brass handle, 6-quart, \$2.25; 8-quart, \$2.50; 10-quart, \$2.75; 12-quart, \$3.00.

Watering Pots, Galvanized 4-quart, 40c.; 6-quart, 45c.; 8-quart, 50c.; 10-quart, 55c.; 12-quart, 65c.; 16-quart, 75c.

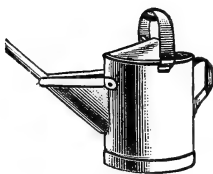
Watering Pots, Painted For window gardening, 1-quart, 35c.; 2-quart, 50c.



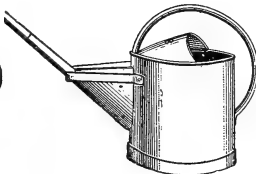
PHILADELPHIA



FRENCH



EXCELSIOR



EXCELSIOR

Weeders
Brown's Easy Weeder Especially adapted for working among carnations, roses, etc. Each, 30c.

Excelsior Used for loosening the soil in borders and beds. Each, 10c.

Noyes Cutter, diamond shaped. Each, 35c.

Hazeltine Each, 25c.

Lang's With leather band holder, the best of the small hand weeders. Each, 25c.

Wheelbarrows For garden use. Small, \$3.00; medium \$3.25; large \$3.50.

" Custom—medium \$3.75; large \$4.25.



HAZELTINE

Pot Hangers

The best device for lifting plants in and out of jardinières, also for suspending plants, as Ferns, etc. Three sizes, 40c. to 60c. per dozen, to fit pots from 3 to 12 inches.

Flower Pot Brackets

Especially adapted to plain flower pots and saucers. Made of flat steel, perfectly strong, and can be fastened on the narrowest moulding. Black finish. No. 1, for a 5-inch pot, 30c.; No. 2, for a 6-inch pot, 35c.; No. 3, for a 7-inch pot, 40c. each.

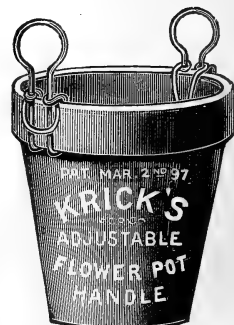
Hooks for Hanging Pots

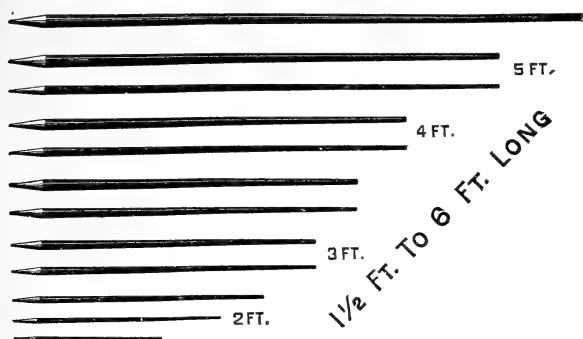
9-inch, 20c.; 12-inch, 25c. each.

BROWN'S
PAT. BY
THOS. L. BROWN
SEP. 27, '04
EASY WEEDER



LANG'S



Plant Stakes—Round, Tapering—Painted Green

	Doz.	100
1½ feet	\$ 15	\$1 00
2 "	25	2 00
2½ "	40	3 00
3 "	60	4 00
3½ "	65	4 75
4 "	80	6 00
5 "	90	7 00

Heavy or Dahlia Stakes

	Doz.	100
4 feet	\$1 00	\$7 50
5 "	1 25	9 50
6 "	1 60	12 00

Plant Stakes—Painted Green—Square

	Doz.	100
1½ feet	\$ 15	\$1 00
2 "	20	1 50
2½ "	30	2 00
3 "	50	3 75

	Doz.	100
3½ feet	\$ 60	\$4 50
4 "	70	5 50
5 "	90	7 00
6 "	1 10	8 50

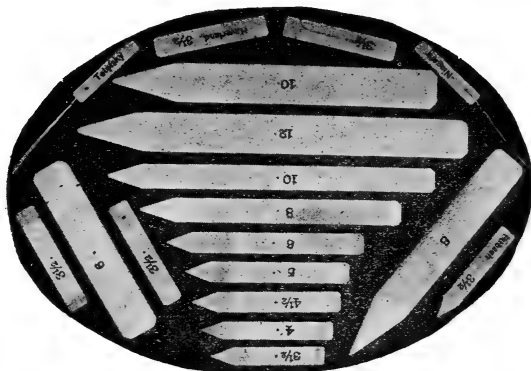
Cane Stakes They are from 5 to 8 ft. in length and can be cut to any desired length; much used by florists for supporting roses, carnations, lilies, etc. Dozen, 20c.; \$1.00 per 100.

Hard Wood Square, unpainted, 3 feet, doz., 10c.; 40c. per 100; 4 feet, doz., 15c.; 60c. per 100.

Galvanized Wire Stakes Straight, largely used for supporting carnations. 2 feet, 75c. per 100; 3 feet, \$1.00 per 100.

LABELS, WOODEN POT AND GARDEN

	Painted	
	Per 100	Per 1000
4 in. Pot Labels	\$ 15	\$ 80
4½ " " "	15	90
5 " " "	20	1 00
6 " " "	20	1 35
8 " Garden "	50	4 50
12 " " "	80	7 00
3½ " Copper Wired, Tree	25	1 50

**PLANT TRELLIS**

3 feet, Veranda	\$ 40	12 feet, 24 inches wide	\$2 00
3 " " "	45	12 " 36 " "	3 00
6 " 18 inches wide	90	2 " fan trellis, 10 in. wide at top	15
6 " 28 " " "	1 20	3 " " " 16 " " " "	40
7 " 18 " " "	1 00	4 " " " 27 " " " "	60
8 " 18 " " "	1 25	5 " " " 32 " " " "	70
8 " 28 " " "	1 75	6 " " " 38 " " " "	85
10 " 20 " " "	1 80	7 " " " 42 " " " "	1 00
10 " 31 " " "	2 30	8 " " " 46 " " " "	1 10

STANDARD FLOWER POTS

MEASUREMENTS FROM INSIDE TO INSIDE. WIDTH AND DEPTH EQUAL.



Inches	Each	Doz.	100	Inches	Each	Doz.	100
2	\$	\$ 10	\$ 65	9	\$ 15	\$1 50	\$11 00
2¼		10	65	10	25	2 40	15 00
2½	02	15	85	11	30	3 00	20 00
3	02	20	1 00	12	40	4 20	30 00
3½	03	25	1 25	14	75		
4	04	30	1 50	15	1 20		
5	04	40	2 50	16	1 35		
6	06	60	4 00	18	2 00		
7	08	90	6 00	20	3 00		
8	12	1 20	8 00	24	4 50		

Flower Pot Saucers, see following page.

FLOWER POT SAUCERS

Inches	Each	Doz.	100	Inches	Each	Doz.	100	Inches	Each	Doz.	100
4	.....02	18	\$1 25	8	.....05	50	\$3 75	12	.....12	cents each	
5	.....03	24	1 65	9	.....07	70	5 00	14	.....15	"	"
6	.....03	30	2 00	10	.....08	85	6 00	16	.....25	"	"
7	.....04	40	2 50	11	.....10	1 00	7 50	18	.....35	"	"

BULB OR SEED PANS

Inches	Each	Doz.
6	.....06	\$ 60
7	.....08	75
8	.....10	1 00
9	.....12	1 25
10	.....15	1 50
12	.....30	3 00
14	.....60	6 00

SQUARE SEED PANS

Inches	Each	Doz.
6x6	.....20	\$2 50
8x8	.....25	2 50
10x10	.....30	3 00
12x12	.....35	3 75

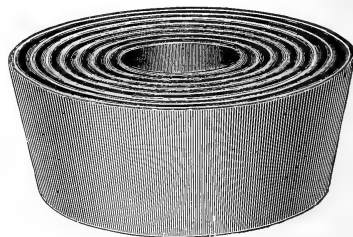
FERN PANS

Something new in Fern Pans. These pans are made thin and strong. They are very popular and are made in eight sizes.

The pans are especially adapted for linings to porcelain and silver fern pans.

Dimensions given are outside measurements.

Size	4	x1 7/8	inches	Each	Size	7x2 3/8	inches	Each
"	4 3/4	x2 7/8	"	.....05	"	8x3 1/8	"	.....12
"	5 1/2	x2 3/4	"	.....08	"	9x3 1/4	"	.....15
"	6 1/4	x2 1/4	"	.....10	"	10x4	"	.....15



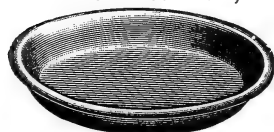
GARDEN VASES

Finished in terra cotta. Capacity, 1 bushel; 19 inches diameter; 15 inches high; with saucer, \$4.50 each. Garden Vase No. 416, height vase and pedestal 30 inches; 18 inches diameter; capacity, 2-3 bushel. Price, \$6.50.

Garden Vase No. 412, height vase and pedestal 32 inches; diameter 20 inches; capacity 1 bushel. Price \$8.50

WATERPROOF FLOWER POT SAUCERS

Indurated wood fibre, very light and durable. Not porous, and will protect tables on which plants stand.



4 inch.....	9 cts. each	\$ 95 per doz.	10 inch.....	14 cts. each	\$1 50 per doz.
5 ".....	9 " "	1 00 " "	12 ".....	17 " "	1 75 " "
6 ".....	10 " "	1 10 " "	14 ".....	25 " "	2 00 " "
7 ".....	11 " "	1 20 " "	16 ".....	35 " "	3 75 " "
8 ".....	12 " "	1 30 " "	18 ".....	45 " "	4 40 " "
9 ".....	13 " "	1 40 " "			

ROLLING STANDS

These are made of fibre ware mounted on casters. They are of great convenience for using with the larger size pots and tubs. Being perfectly waterproof they are especially suitable for use in parlors, halls, etc.

12 in. diameter	.....60c. each	18 in. diameter	.....\$1 00 each
14 " "	.....70c. "	20 " "	.....1 25 "
16 " "	.....90c. "	22 " "	.....1 50 "

FLOWER VASES

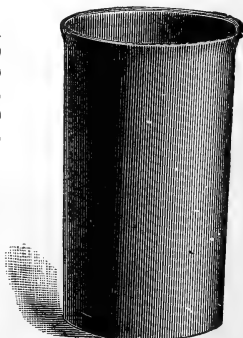
Made of indurated wood fibre, for displaying cut flowers.

No.	0, 8	in. diam., 13 in. deep	Each	No.	00, 9	in. diam., 22 in. deep	Each
"	1, 5 1/2	" " 10 " "	.....45	"	11, 5 1/2	" " 18 " "	.....60
"	2, 4 1/2	" " 9 " "	.....40	"	22, 4 1/2	" " 15 " "	.....45
"	3, 5	" " 6 " "	.....35	"	33, 4	" " 12 " "	.....40
"	4, 3	" " 4 1/2 " "	.....30	"	44, 3	" " 9 " "	.....35

NEPONSET FLOWER POTS

Are manufactured of waterproof paper, unbreakable, handsome, light and cheap. They are made so as to admit plenty of air to the roots and to give sufficient drainage.

Size	Doz.	100	1000	Size	Doz.	100	1000
2 1/4 inch.....	\$ 05	\$ 25	\$2 20	4 inch.....	\$ 12	\$ 80	\$6 90
2 1/2 ".....	07	30	2 40	5 ".....	20	1 20	10 35
3 ".....	08	45	3 90	6 ".....	30	1 65	14 55
3 1/2 ".....	10	60	5 15				



Raffia and Reed for Basket Work

		Oz.	Lb.
Natural, per lb.	.....	20c.	
Natural, bunch	.....	10c.	
Colored, 2 oz. bunch	.....	10c.	
Colored, per lb.	.....	60c.	
Reeds, No. 1	.....	10c.	
Reeds, No. 2	.....	
Reeds, No. 3	.....	
Reeds, No. 4	.....	
per bundle about 3 oz.		15c.	75



PLANT TUBS

Made of cypress, painted, light, attractive and durable.

	Diam.	Height	
No. 1	13½ in.	12 in.	\$1 25
" 2	14½ "	14 "	1 50
" 3	16 "	16 "	1 75
" 4	19 "	18 "	2 25

Cedar Plant Tub—Painted green, drop handles.

Strongest and most durable plant tub made.

No.	Diam. Top Outside	Height Outside	
No. 1	28 inches	22 inches	\$5 00
" 2	26 "	20 "	4 50
" 3	24 "	18½ "	3 75
" 4	22 "	17 "	3 25
" 5	20 "	16 "	2 70
" 6	18½ "	15 "	2 20
" 7	16½ "	14 "	1 85
" 8	15½ "	13 "	1 60
" 9	14 "	12 "	1 35

FOLDING PLANT STANDS

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3 Wire Trays, 7½ x 30, \$3.00.



WIRE WINDOW SHELF

with steel brackets. Can be applied to any window moulding. 30 inch shelf, 75c. 36 inch shelf, \$1.00. 42 inch, \$1.25.

OVAL PLANT STAND

20 x 30, \$3.00.

GARDEN BORDERING—Painted Green

No. A, 8x12, 25c. per doz. No. C, 13x20, 65c. per doz.
No. B, 10x15, 40c. " " No. D, 16x25, \$1.25 " "

Sundries

Lawn Mower Oil 1 qt., 30c.; 2 qts., 50c.; 1 gal., 75c.
Oilers 15c. and 20c. each.
Twine White cotton, best 4-ply, 30c. per lb.
Jute Twine For tying plants or vegetables, 20c.
Tinfoil 15c. per lb.
Tinfoil Violet, 50c. lb.
Tissue Paper \$1.00 per ream.
Wrapping Paper White. 6c. per lb.

Axle Grease Quart, 25c.; 2 quarts, 40c.

Bouquet Wire Cut 12 and 18 inches, 20c. per lb.

Bouquet Wire Fine, 30c. per lb.

Toothpicks Used for stemming flowers, 10c. per box.

Wax Paper Per ream, 75c.

Bouquet Holders Iron, for cemetery use, 30c. ea.
" " Glass, for cemetery use, 35c. ea.

The Links Lawn Boot

For Use on Golf Links, Tennis Courts and Fine Lawns

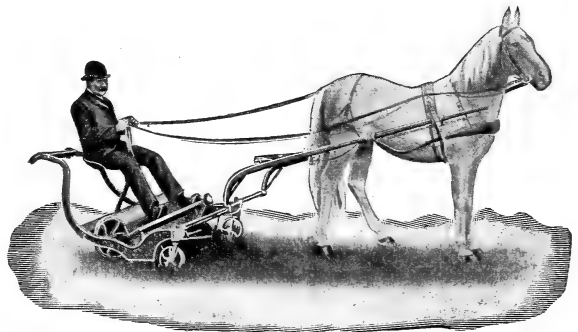
Aside from the lasting qualities it is the only humane boot, for the reason that it is firmly fastened to the hoof instead of around the ankle, thus giving free action to the horse's feet and obviating all possibility of chafing. Price, set of four, \$8.00.

Coldwell's Horse Lawn Mower

Coldwell's Improved Horse Mowers are fitted up throughout with the best steel shafting, composition bushings or bearings, polished oak footboards, etc.

Unquestionably the best Horse Lawn Mower manufactured, and guaranteed to give entire satisfaction.

30-inch, with seat and shafts, \$65. 35-inch, with seat and shafts, \$75. 40-inch, with seat and shafts, \$90. Furnished with side draft attachment, which keeps the horse on the cut grass only.



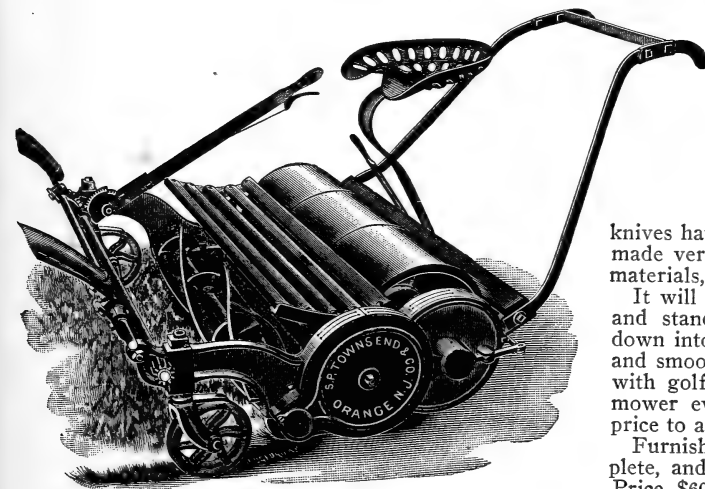
Townsend's Horse Lawn Mower

Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower.

This feature maintains the motion of the blades even in turning sharp corners, and forms a strong contrast with other double roll Mowers whose knives have no motion when turning corners. It is made very strong and powerful, of the very best materials, and finished in the most perfect manner.

It will cut over very rough and uneven ground and stand very rough usage, and still will get down into the turf and cut its swath clean, easily and smoothly. It is, on this account, very popular with golf clubs. We warrant it superior to any mower ever built, and will refund the purchase price to any customer dissatisfied after a trial.

Furnished with seat, handles and shaft complete, and made 30-inch or 38-inch width of cut. Price, \$60 to \$80.

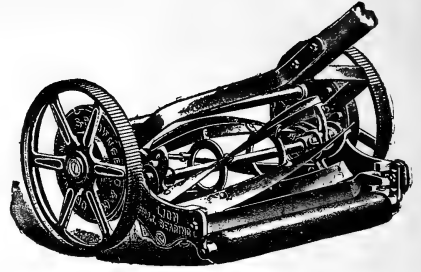


“Lion” Ball Bearing Lawn Mower

The ball bearing in lawn mowers is the latest and probably the greatest improvement in their manufacture. The “Lion” is constructed with 10-inch skeleton rim driving wheels, 6¼-inch cutting cylinder with five knives. Is a strong and powerful easy running mower.

For those who mow their lawns frequently we advise the use of fine blade machines, as they leave the lawn in a very smooth condition.

16-inch, \$10. 18-inch, \$11. 20-inch, \$12.



Universal

A Superior Quality Low Priced Machine

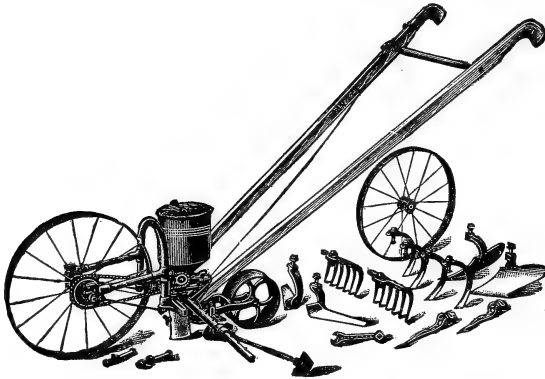
This mower is built to accommodate those who have but little grass to cut and wish a low priced machine, yet one that will do good work. While this machine should not be compared with strictly high grade mowers yet we consider it an excellent machine for moderate use. 14-inch, \$3.50; 16-inch, \$3.75.

Roller Lawn and Golf Mowers

On lawns where exceptionally fine cutting is a necessity, there are no mowers to equal these. They cut smoothly, effectually doing away with that wavy appearance so often seen on a freshly cut lawn. They will also roll down a new lawn and protect it against upheavals caused by dampness, ants and other insects. These are the only mowers that will cut borders properly and without danger of cutting the sod.

Price, 18-inch, 6 blades, \$15.

“Iron Age” Combined Seed Drill and Double Wheel Hoe



The Seed Drill is complete in itself, merely requiring to be bolted with two bolts to the wheel frame. As a drill it opens the furrow, drops the seed, covers and rolls it and marks the next row at one passage. It can be set to sow shallow or deep, thick or thin, as desired, and handles all garden seeds. The flow of seed can be instantly shut off to turn rows. The agitator is a revolving brush which will not injure seed in the slightest.

Combined Drill Seeder and Double Wheel Hoe, \$11. Combined Hill and Drill Seeder and Double Wheel Hoe, \$12.

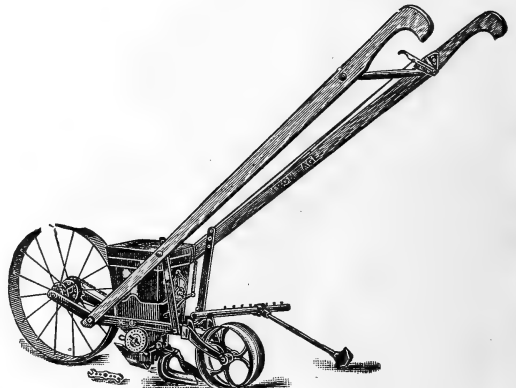
The “Iron Age” Hill and Drill Seeder

This is the most complete tool ever offered by the manufacturers of the “Iron Age” implements. It has only been placed upon the market after a most thorough experiment and field tests. The wheel is 16 inches high, made of steel, with a 2-inch tread. The opening plow is clog proof and can be instantly adjusted. The hopper is low; therefore the delivery of the seed is close to the ground, thus making possible accurate spacing.

The distance of spacing the seed can be instantly changed by simply removing a small wheel at the side of the hopper and reversing it, or by putting on another.

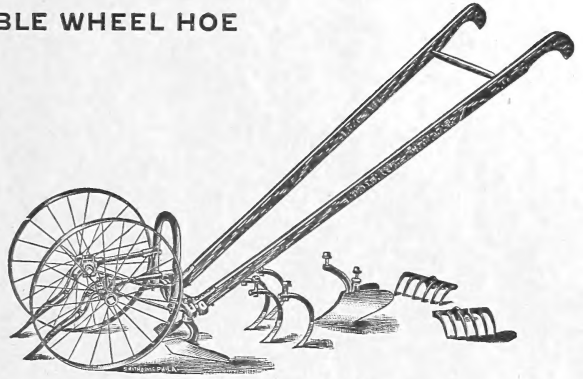
The flow of seed can be instantly stopped or started by a convenient finger latch on the handle.

Price, \$11.00.

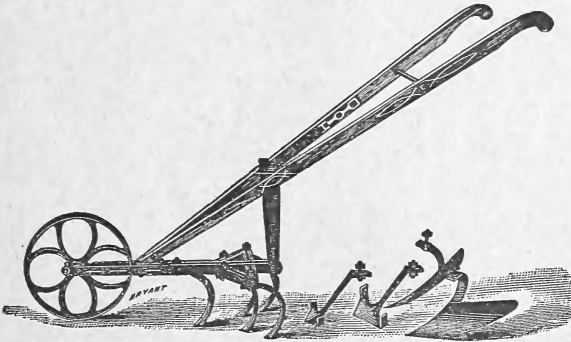


"IRON AGE" DOUBLE WHEEL HOE

For the cultivation of garden crops it is an indispensable implement. With it one person does the work of several men with great ease. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depression of the soil, as a low wheel will do. The frame being made of tubing coupled to *malleable* castings gives great strength, together with lightness. Price, complete, \$7.00.



THE "GEM OF THE GARDEN" WHEEL HOE Single Wheel Hoe



No greater proof can be given of the popularity of a tool, or of its intrinsic worth, than the one simple fact of a continued demand for it. In the past few years there have been placed about *fifteen thousand* of the "Gem" Wheel Hoes in the hands of gardeners, and we are not aware of a single instance in which it has failed to give entire satisfaction to the user. It is not a toy, neither is it a tool made of light gray castings, calling for constant repair, the "Gem" being largely made up of *steel and malleable iron*. The set of slender stirring teeth, each stamped from one piece of steel, cannot be excelled for thorough work, especially in hard soil. Price, complete, \$5.00. With teeth only, \$3.75.

"IRON AGE" SINGLE WHEEL HOE With Cultivator Teeth, Plow and Rakes

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe, and the same remarks as to its construction, extreme lightness and ease of operation will apply with equal force. For the small kitchen garden we consider the single wheel hoe as being preferable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side. With this single wheel tool spaces of exceedingly narrow width can be worked even using but one cultivator tooth. With the large plow attachment deep furrows can be opened or closed, potatoes, celery and other crops hilled—in short all work usually accomplished by a special plow. Price, complete, \$6.00

FARMOGERM (High Bred Nitrogen-Gathering Bacteria) "Makes Poor Soil Good Soil"

It is well known that nitrogen is the most expensive of fertilizing elements. It is also known that it is the plant food in which most soils are deficient. We are pleased, therefore, to be able to offer our patrons an improved and most reliable method of inoculating soil with nitrogen-gathering bacteria. By moistening the seed of any leguminous crop to be planted with Farmogerm, not only is the immediate crop benefited by this pure culture of high bred nitrogen-gathering bacteria, but the soil is enriched in nitrogen which will be available for future crops of any kind for two or three seasons. One of the important advantages which Farmogerm has over other and earlier preparations of this kind is the fact that it needs no treatment or development before using. It comes in sealed bottles ready for use with a little water according to directions.

Soil inoculation is a big subject and the possibilities of it are only partly appreciated by many. We have no space for details here but we hope our customers will write us for a free pamphlet on the subject which we will be pleased to send. Investigate before planting any of the following crops:—

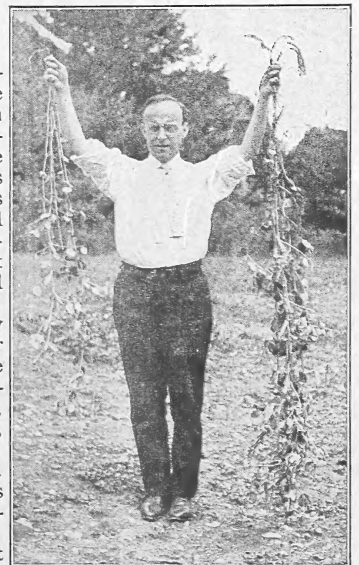
Alfalfa, Alsike, Berseem, Crimson Clover, Red Clover, White Clover, Canadian Field Peas, Cow Peas, Soy Beans, Velvet Beans, Vetch, Lupins, Peanuts, Garden Beans, Garden Peas, Sweet Peas and other legumens.

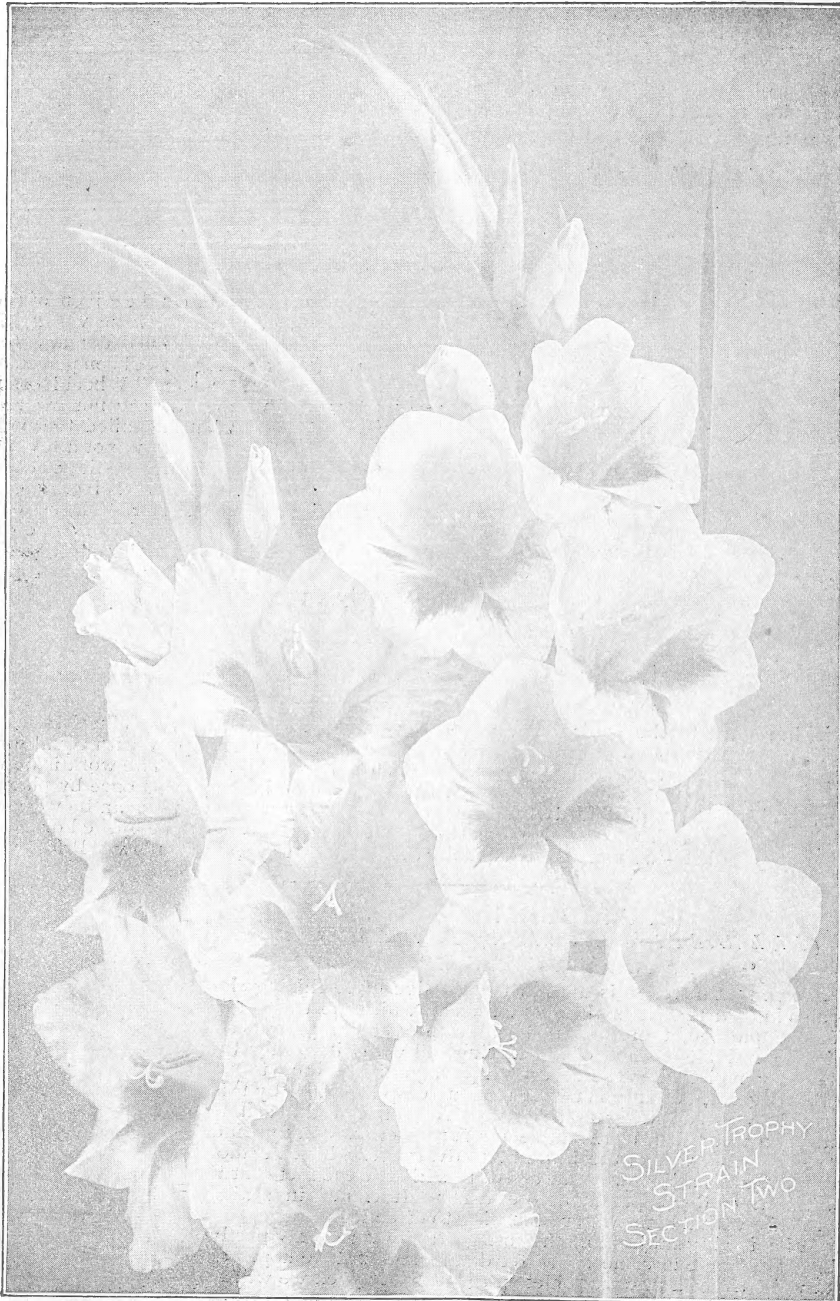
When ordering be sure and state for what crop Farmogerm is wanted.

We are prepared to supply Farmogerm for any one or all of these crops at the laboratory price of \$2.00 per acre, 10% discount on 25 acres, 15% discount on 50 acres, 20% discount on 100 acre orders.

Garden size, mixed culture, good for Peas, Beans and Sweet Peas, at 50 cents a bottle. Also White Clover for lawns.

The U. S. Department of Agriculture says: "*The pure culture method has come to stay.*"





GROFF'S HYBRID GLADIOLUS

For Larger Crops and Richer Soil at Lowest Cost—Fertilize with

FARMOGERM

High-Bred Nitrogen Gathering Bacteria

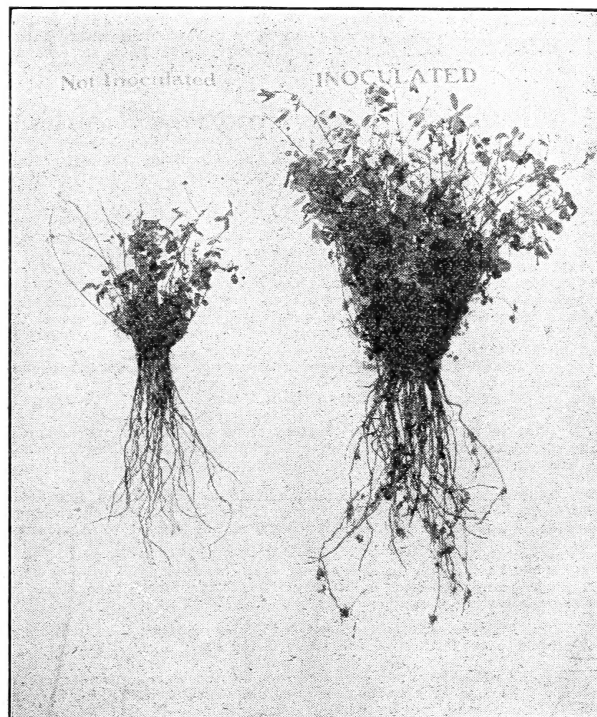
Before soil can produce a big crop it must contain plenty of nitrogen or nitrates. Nitrogen is the plant food which is most often lacking in the soil. It is also the most expensive fertilizing material to supply in the ordinary way. Commercial fertilizers which are rich in nitrates are very high in price and the expense and labor of transporting and spreading them must be added to the cost.

But it is now no longer necessary for you to carry that burden of expense and trouble. When planting alfalfa or any of the clovers, or when planting any kind of peas or beans, whether field or garden, you may simply inoculate the soil with nitrogen gathering bacteria by moistening the seed with Farmogerm. In this way you will supply your soil with enough nitrates to produce several bumper crops at the low cost of \$2.00 an acre and with practically no extra work.

THIS IS A PROVED SCIENTIFIC AND PRACTICAL FACT. Soil inoculation with nitrogen gathering bacteria has long been recognized as the final solution of the nitrates problem. The only trouble heretofore has been to perfect a simple, sure and economical method of getting the right bacteria into the soil. And now this problem is solved. Any one can use Farmogerm. It is all ready to use. No development or treatment necessary by the user, as has been the case with other methods. Besides, Farmogerm contains carefully selected nitrogen gathering bacteria which have been bred up to a state of strong vitality and great nitrogen gathering power. And the bacteria keep alive and vigorous in Farmogerm so that they are in perfect condition to do the most good when used.

Further on we give a list of the crops with which Farmogerm may be used. It is only in the variety of crops known as the legumes that the nitrogen gathering bacteria get in their work. When Farmogerm is used on the seed of such crops, or sprayed over the field or mixed with earth and spread, the bacteria multiply rapidly, by the millions, and enter the roots of the young plants, where they generally form nodules or little nobs, which you may have noticed on the roots of clover plants, or pea and bean vines. They begin at once to draw nitrogen from the unlimited supply in the air, and as they convert it into soluble nitrates it is immediately available for the growing plants. This insures a more rapid and heavier growth of the crop and adds greatly to its food value, owing to the fact that it contains a larger proportion of nitrogen.

BUT THIS EARLIER MATURITY, LARGER YIELD AND GREATER FOOD VALUE OF THE FIRST CROP IS ONLY PART OF THE GOOD WORK THAT FARMOGERM DOES. The next two or three crops also get the benefit. The bacteria store nitrogen in the soil, leaving for future crops, on the average, as much available nitrogen to the acre as 700 to 1,000 pounds of nitrate of soda would add. This much nitrate of soda would cost from \$20.00 to \$30.00, while enough Farmogerm for an acre costs \$2.00. Be-



A sample of what Farmogerm has done. This cut shows relative growth of inoculated and uninoculated Alfalfa. Same number of plants in each bunch. The bunch from the inoculated plant weighs over three times as much as the other.

sides, when using Farmogerm you get a big extra profit on the crop you use it with, and the nitrogen which the bacteria gathers stays in the soil better and is in more available form for the plants than that which is added with nitrate of soda.

REMEMBER, ANY CROP REAPS THE BENEFIT OF THE NITRATES ESTABLISHED IN THE SOIL BY GROWING AN INOCULATED LEGUME CROP. In other words, you may plant your legume crop, inoculated with Farmogerm, take off a big crop, and then the soil is ready to produce a bumper crop of anything you wish to sow it to, such as corn, wheat, oats or any grain as well as cotton, tobacco, potatoes or other vegetables.

Send for our pamphlet which gives full particulars and contains reports from many users of Farmogerm, as well as the opinions of high authorities regarding this first reliable, simple and economical method of drawing nitrogen from the free and unlimited supply in the air.

Farmogerm is Not Over-Estimated.

We do not claim that Farmogerm will cure all the ills of soil or failure of crops.

It does add nitrates to the soil—all the crops can use and more, but it does not add potash and phosphates. Furthermore, Farmogerm will not overcome results due to bad seed, insufficient seed, improper preparation and cultivation, and decidedly adverse weather conditions. It cannot be used successfully on sour soil. Sweeten sour soil by liming before using Farmogerm.

We make no extravagant claims for Farmogerm. We make no claims which are not borne out by the facts—facts which we can prove.

It is the lack of nitrates in his soil which presents the greatest problem to the average farmer, and it is this problem which Farmogerm will solve for him at the small expense of \$2.00 an acre and practically no extra work or trouble.

Why Farmogerm Produces Results.

The U. S. Dept. of Agriculture has been working to develop nitrogen-gathering bacteria, and the following are quotations from their reports:

"It has been amply demonstrated, not only by hundreds of years of actual experience, but by numberless carefully conducted experiments in many countries and under widely varying conditions, that clovers and numerous other legumes supplied with tubercle (nodule) bacteria obtain from the air through the agency of these bacteria, under favorable conditions, all the nitrogen they require, and that they leave in the soil considerable quantities for succeeding crops. In Germany the amount of nitrogen added to the soil by legumes, besides that taken off in the crop, is estimated at 200 pounds per acre. In the United States the average for sixteen states is 122 pounds, equivalent to not less than 800 to 1,000 pounds of nitrate of soda per acre."—Year Book of Department of Agriculture for 1906.

"The subject of nitrogen fixation from the atmosphere is one of the most important problems lying at the foundation of agriculture."—Bulletin No. 71, Bureau of Plant Industry.

"Pure-culture inoculation must eventually replace the soil transfer methods for all kinds of soil inoculation. . . . The pure culture method has come to stay."—Year Book of Department of Agriculture for 1906.

Now, Farmogerm is a pure culture. And it does do the work. It produces results such as other cultures have failed to produce for these reasons:

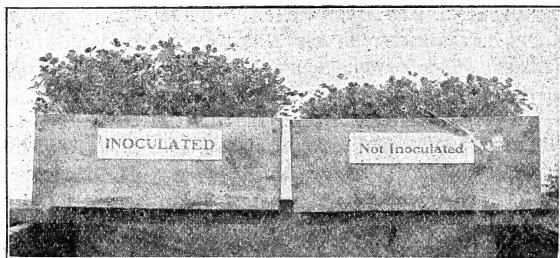
First—Our laboratory methods enable us to be sure of getting an absolutely pure culture of the right bacteria.

Second—The bacteria are bred up by successive inoculations of plants grown in a nitrogen-free medium, and their nodule forming and nitrogen-fixing power thereby greatly increased.

Third—Each bottle of Farmogerm is individually inoculated and developed. The growth of the bacteria on the jelly-like medium can be seen and any contaminations or impurities detected, and each bottle is carefully inspected before it is shipped.

Fourth—Farmogerm is sent out in bottles, sealed with a special stopper which, while supplying the bacteria with all the air they need, absolutely prevents contamination. And it will last in good condition for months.

Fifth (and a feature of great importance)—Farmogerm needs no "development" or "treatment" before it is ready for use. We leave no delicate or difficult work to be done by the user.



Relative growth of red clover seed inoculated with Farmogerm and uninoculated seed.

Read these Letters

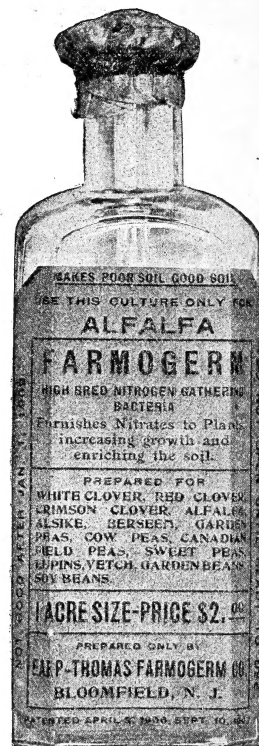
I have tried Farmogerm on beans with most gratifying results, the inoculated beans making a much more vigorous growth, maturing earlier and producing a larger crop than those not inoculated. E. W. Underhill, Syosset, L. I.

I made various practical tests with Farmogerm on my farm with clover, beans, peas and alfalfa with most satisfactory results. J. N. Hoff, New York City, Industrial & Agricultural Chemist.

I used Farmogerm on Alfalfa. . . . The stand is the finest I have ever seen in this country. J. W. Parmley, Ipswich, So. Dakota,

I planted Red Clover last year treated with Farmogerm. It was greatly benefited. This year I planted corn on the same land and on adjoining land. Corn on the land where inoculated clover was grown was better and matured earlier. Geo. T. Powell, Ghent, N. Y., Pres. Agricultural Expert Ass'n.

I sowed 1 acre of alfalfa inoculated with Farmogerm. It has come up evenly and I have a good stand. I have tried alfalfa before but never succeeded in getting such a good stand as I have at the present time. W. S. Downs, Derby, Conn.



Send for the pamphlet giving full particulars, showing how and why Farmogerm produces big crops and

MAKES POOR SOIL GOOD SOIL.

Be Sure to Use it on Your Clover or Soiling Crop this Year.

Here is another important point: You may sow an INOCULATED crop WITH your corn or oats, for instance, and BOTH CROPS will get the benefit at the same time.

PRICE, \$2.00 AN ACRE; GARDEN SIZE, 50 cents. 10 per cent discount on 25 acre orders. 15 per cent on 50 acre orders, and 20 per cent on 100 acre orders.

Farmogerm is prepared for the following legumes:

Red Clover,	Alsike,	Garden Beans,	Lentils,
Mammoth Clover	Alfalfa,	Soy Beans,	Sanfoin
Crimson Clover,	Berseem,	Vetch,	Peanuts,
Yellow Clover	Garden Peas,	Lupins,	Robinia
Burr Clover	Cow Peas,	Lathyrus Sylvestrus	Wistaria
White Clover	Canadian Field Peas,	Perennial Pea	and other
Sweet Clover	Sweet Peas,	Fenugreek	Legumes,

Sold in Garden Size in a mixed culture good for Peas, Beans and Sweet Peas. Also for White Clover.

ORDER NOW, stating quantity wanted, for what crop, and when you intend to plant. Or if you want more information, write us and we'll be glad to send full particulars.

For sale by

WILLIS S. PINO
SEEDSMAN
Providence, R. I.